1995 State-by-State Assessment of Low-Level Radioactive Wastes Received at Commercial Disposal Sites

National Low-Level Waste Management Program

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September 1996

1995 STATE-BY-STATE ASSESSMENT OF LOW-LEVEL RADIOACTIVE WASTES RECEIVED AT COMMERCIAL DISPOSAL SITES

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ABSTRACT

Each year the National Low-Level Waste Management Program publishes a state-by-state assessment report. This report provides both national and state-specific disposal data on low-level radioactive waste commercially disposed in the United States. Data in this report are categorized according to disposal site, generator category, waste class, volumes, and radionuclide activity. Included in this report are tables showing the distribution of waste by state for 1995 and a comparison of waste volumes and radioactivity by state for 1991 through 1995; also included is a list of all commercial nuclear power reactors in the United States as of December 31, 1994. This report distinguishes between low-level radioactive waste shipped directly for disposal by generators and waste that was handled by an intermediary, a reporting change introduced in the 1988 state-by-state report.

NOTICE

The State-by-State assessment documents for 1993 through 1995 have been made available on the Program's Internet home page at "http://www.inel.gov/national/national.html" for your convenience.

The information presented in this report is meant to be informative to the reader and provide accurate disposal figures for the commercial low-level radioactive waste being shipped for disposal within the United States. The disposal volumes in this report are presented using cubic foot (ft³) measurement, if the reader prefers cubic meters, divide the reported ft³ number by 35.314. In this year's document, additional comparison graphs for the years 1987 through 1995 have been provided, for your convenience, at the national, compact region, and state levels.

Comments and suggestions as to how this document may better address your needs for information on this subject are welcomed. Comments may be sent to the address listed below:

National Low-Level Waste Management Program Lockheed Martin Idaho Technologies Company P.O. Box 1625 Idaho Falls, ID 83415-2420

or

Email "sysdemo@inel.gov"

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1995 STATE-BY-STATE ASSESSMENT OF LOW-LEVEL RADIOACTIVE WASTES RECEIVED AT COMMERCIAL DISPOSAL SITES

1. INTRODUCTION

The National Low-Level Waste Management Program (NLLWMP) has published 17 annual state-by-state assessment reports. These reports provide both national and state-specific disposal data that assist states in the management of low-level radioactive waste (LLW), as specified in the Low-Level Radioactive Waste Policy Act (Public Law 96-573) and the Low-Level Radioactive Waste Policy Amendments Act of 1985 [(LLRWPAA) Public Law 99-240].

Over the past 17 years every state has disposed of some quantity of LLW. This waste is generated from a variety of commercial sources, such as

- Government and industrial research
- Generation of electrical power
- Medical diagnostic and therapeutic services
- Various manufacturing processes.

Before publishing the first state-by-state report in 1979, researchers studied the quantities and radioactivity levels of LLW disposed of in the United States. The first report was designed to assist states in extrapolating accurate estimates of disposal rates by separating wastes into four broad categories:

- Government
- Industrial
- Institutional
- Utility.

In 1983, the categories were further refined by establishing more specific categories for Institutional waste. This resulted in five categories, as follows:

- Academic
- Government
- Industrial
- Medical
- Utility.

Currently, commercial disposal sites report actual volumes disposed of for each of these five categories.

The volume of LLW disposed of at commercial disposal sites exceeded 3.7 million cubic feet in 1980. This represents the highest reported annual volume of LLW disposed of during the history of the state-by-state assessment documents. From 1981 through 1990, the volume of LLW being disposed of at commercial disposal sites declined. In 1991 and 1992, the reported volume of LLW received for disposal at commercial sites showed a slight increase. This increase is believed to be the result of the anticipated increase in disposal costs and, in 1992, the anticipated closure on January 1, 1993, of the Barnwell, South Carolina, Beatty, Nevada, and Richland, Washington disposal facilities to "out-of-region" generators. On December 31, 1992, the Beatty, Nevada, site stopped receiving LLW for disposal altogether, and the Richland, Washington, site restricted the LLW received for disposal to the Northwest and Rocky Mountain compact states. The Barnwell, South Carolina, disposal facility continued to receive LLW for disposal by the member states of the Southeast compact and those compact states that had contracts with the Southeast commission through June 1994. On July 1, 1994, the Barnwell site restricted disposal to only member states of the Southeast LLW compact. South Carolina withdrew from the Southeast compact and on July 1, 1995, the Barnwell site began accepting LLW for disposal from all states, with the exception of North Carolina.

In summary, as of July 1, 1996, the only state that is being denied LLW disposal access is North Carolina. The Barnwell, South Carolina, LLW disposal facility is operated by Chem-Nuclear Systems, Inc. and is accepting LLW shipments for disposal from all states excluding North Carolina. The Richland, Washington, commercial LLW disposal facility is operated by US Ecology, Inc. and accepts LLW shipments for disposal from only member states of the Northwest and Rocky Mountain compact regions.

The reported 1995 disposal volume was 689,957 cubic feet. A list of the 1995 LLW volumes and radioactivity reported as disposed by state is provided in Table 1. Only three states including Alaska, North Dakota, and Puerto Rico, which is treated as a state under the LLRWPAA, reported no LLW shipments in 1995.

The first state-by-state assessment used several data sources. These included U.S. Nuclear Regulatory Commission (NRC) records on nuclear power plant waste shipments,¹ the U.S. Department of Energy Solid Waste Information Management Systems² for information on defense waste shipped to commercial sites, and the University of Maryland (at Baltimore) studies on national institutional waste generation.^{3,4} Since its initial publication, this report has been modified and expanded as more detailed state information became available from the disposal sites. Results from generator surveys and feedback from state officials continue to improve understanding of the sources of LLW and the quality of the data.

Data in this report has been reviewed by representatives of individual states' radiation control programs prior to release. A list of state radiation control program representatives is provided for the reader's convenience in Appendix C.

Table 1. 1995 waste distribution by state as reported by disposal site operators.

States	Volume (ft ³)	Activity (curies)
Alabama	14,056.35	78,340.28
Alaska	0	0
Arizona	0.40	<1
Arkansas	1,943.10	8.35
Army Out U.S. ^a	299.80	2,914.29
California	11,520.71	408.64
Colorado	68,987.55	552.72
Connecticut	6,216.17	840.51
Delaware	57.84	0.01
Dis Of Columbia	129.50	0.11
Florida	6,135.82	2,443.64
Georgia	18,327.29	13,798.39
Hawaii	2,633.58	1,820.88
Idaho	1,459.81	0.05
Illinois	57,761.51	7,043.88
Indiana	100.78	35.61
Iowa	2,058.00	209.38
Kansas	926.36	398.34
Kentucky	90.70	19.81
Louisiana	6,767.70	13,244.40
Maine	2,808.40	77.64
Maryland	4,428.70	346.16
Massachusetts	10,977.76	24,903.19
Michigan	20,459.30	1,437.71
Minnesota	2,466.63	365.12
Mississippi	10,030.40	1,543.25
Missouri	1,423.04	183.44
Montana	7.50	<1
Nebraska	2,385.40	407.25
Nevada	75.67	0.07
New Hampshire	8.70	<1
New Jersey	14,183.72	996.27

a.. Army Out U.S. = U.S. owned military bases located outside the continental United States.

 Table 1. (continued).

States	Volume (ft ³)	Activity (curies)
New Mexico	890.91	2.17
New York	10,113.60	1,951.06
North Carolina	25,011.18	3,310.35
North Dakota	0	0
Ohio	8,822.07	552.75
Oklahoma	137.60	0.01
Oregon	74,820.07	1,278.94
Pennsylvania	35,199.60	5,691.87
Puerto Rico	0	0
Rhode Island	5.50	14.79
South Carolina	86,774.73	1,503.54
South Dakota	245.70	0.02
Tennessee	78,809.90	777.10
Texas	2,935.38	2,009.86
Utah	4,498.43	22.10
Vermont	120.30	135.02
Virginia	40,130.03	951.31
Washington	51,606.20	923.17
West Virginia	4.19	4.64
Wisconsin	1,050.86	347.92
Wyoming	52.80	0.12
TOTAL	689,957.24	171,816.13

2. 1995 REPORTING METHOD AND SUMMARY

The data for the 1995 state-by-state assessment report were developed from the Department of Energy's Manifest Information Management System with data originating from the LLW shipment manifests recorded at the two commercial LLW disposal sites located at Barnwell, South Carolina; and Richland, Washington.^{a,b} This information is presented in Appendix A with expanded graphics.

Reports generated for 1979 through 1987 in this series have attributed waste that was processed or consolidated into larger shipments at intermediate waste management facilities to the states in which those facilities were located. The report generated for 1988 and subsequent years attributes waste volume, activity, and generator type by source to the original state in which it was generated, even where brokered shipments included waste originally generated in more than one state. This change in reporting method was made possible because of changes in the manifesting requirements for brokered shipments at the sited states. The waste volumes for states such as Tennessee, where a significant volume of waste is processed through several large waste management facilities, were the most notably affected.

Due to the change in reporting methods, which began in 1988, it became necessary to make a distinction between LLW shipments shipped directly from the generator to the disposal site and those LLW shipments that were shipped through an intermediary. The new reporting method required intermediary waste handlers to associate LLW by volume and activity to the generator and state of origin. This requirement, however, does not require an association of generator and state for information relating to the specific waste radionuclide or waste classification. For this reason, two classifications of waste shipments have been maintained in this report since 1988:

- Nondirect: Shipments from the generator to the disposal facility through an intermediary
- Direct: Shipments that did not involve an intermediary.

In 1995, approximately 53%, or 366,422 cubic feet, of all LLW shipped for disposal was categorized as Nondirect.

The data are arranged to allow the reader to locate information by area of interest, ranging from total commercial LLW disposed within the United States to LLW disposed by a specific state.

The information presented covers the distribution of LLW by

- Volume
- Activity
- Waste classification
- Waste generator type
- Disposal site
- Waste that has been subject to intermediate handling.

a. Data obtained from Chem-Nuclear Systems, Inc., for the Barnwell, South Carolina, LLW disposal site through subcontract number C87-131476-M7.

b. Data obtained from U.S. Ecology, Inc., for the LLW disposal sites located in Beatty, Nevada, and Richland, Washington, through subcontract number C91-133053-M3.

Waste generator categories are

- Academic
- Government
- Industrial
- Medical
- Utility.

The utility category includes commercial nuclear power reactors. The academic category includes university hospitals and university medical and nonmedical research facilities. Medical generators include hospitals and clinics, research facilities, and private medical offices. The industrial category encompasses private entities such as research and development companies, manufacturers, nondestructive testing, mining, fuel fabrication facilities, and radiopharmaceutical manufacturers. The government category includes state and federal agencies.

Appendix B contains a comparison of LLW disposal volumes by state for the most recent 5-year period, a comparison of the radioactivity of LLW disposed by State for the most recent 5-year period, and a complete list of the commercial nuclear power reactors located in the United States as of December 31, 1994.

A review of the data found in this report will show that in 1995 commercial LLW disposal facilities received a total volume of 689,976 cubic feet of waste containing an activity of 171,816 curies. Waste distribution by disposal site is presented in Table 2; Tables 3 and 4 provide information concerning the typical radionuclide and waste forms associated with commercial LLW.

Table 2. Distribution of low-level radioactive waste received at disposal sites in 1995.

Site	Volume (ft ³)	Percent of Total	Activity (curies)	Percent of Total
Barnwell	484,994	70	168,981	98
Richland	204,982	30	2,836	2
Total	689,976	100	171,816	100

Table 3. Radionuclides received through direct and nondirect low-level radioactive waste shipments at commercial disposal sites in 1995. The top 20 radionuclides are listed from highest to lowest activity levels (based on curie count).

Nondirect	Utility	Academic	Medicala	Industrial	Government
H-3	Co-60	H-3	None	H-3	H-3
Co-60	Fe-55	S-35		Ni-63	Fe-55
Fe-55	Ni-63	C-14		Fe-55	Co-60
Ni-63	Zn-65	P-32		Co-60	Ni-63
Zn-65	Co-58	I-125		Cs-137	Co-58
Mn-54	Mn-54	Cl-36		Sr-90	Mn-54
Cs-137	Cs-137	Na-22		U-238	C-14
Pm-147	Cr-51	Co-57		Pu-241	Th-232
Co-58	Cs-134	Ca-45		Ni-59	Sb-125
C-14	H-3	Cd-109		Th-232	Sr-90
Cs-134	Sb-125	As-73		U-235	Cs-137
Cr-51	Sb-124	Fe-59		U-234	Nb-94
S-35	C-14	U-238		Pu-239	Co-57
Eu-152	Pu-241	Pd-107		Ra-226	Ag-110
Fe-59	Fe-59	Cs-137		Mn-54	Cr-51
Ag-110m	Sr-89	Ra-226		Am-241	Tc-99
Kr-85	Sr-90	Ni-63		C-14	K-40
P-32	Ni-59	Eu-152		Zn-65	Ni-59
U-238	Nb-95	Ba-133		Pu-240	I-129
Sb-125	Ag-110m	Th-232		Cr-51	S-35

a. All Medical shipments in 1995 are included in the Nondirect category.

7

Academic

Compacted trash or solids Institutional laboratory or biological waste Absorbed liquids Animal carcasses

Government

Compacted trash or solids Contaminated plant hardware Absorbed liquids

Industrial

Depleted uranium Compacted trash or solids Contaminated plant hardware Absorbed liquids Sealed sources

Medical

Compacted trash or solids Institutional laboratory or biological waste Absorbed liquids Sealed sources

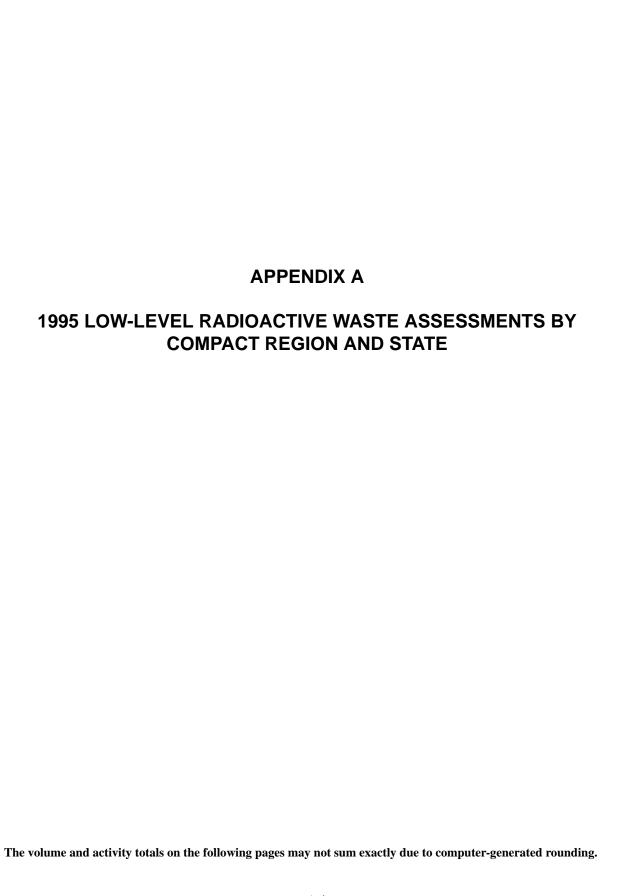
Utilities

Spent resins
Evaporator bottoms and concentrated waste
Filter sludge
Dry compressible waste
Irradiated components
Contaminated plant hardware

3. REFERENCES

- 1. U.S. Nuclear Regulatory Commission, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light Water Cooled Nuclear Power Plants," Regulatory Guide 1.21, Revision 1, June 1974.
- 2. U.S. Department of Energy, Washington, D.C., "Solid Waste Information Management System (SWIMS)-Actual Solid Waste Generated for Fiscal Year 1979," February 22, 1980.
- 3. R. L. Anderson, L. R. Cooley, T. J. Beck, C. S. Strauss, *Institutional Radioactive Waste*, NUREG/CR-0028, Radiation Safety Office, University of Maryland at Baltimore, March 1978.
- 4. T. J. Beck, L. R. Cooley, M. R. McCampbell, *Institutional Radioactive Wastes-1977*, Radiation Safety Office, University of Maryland at Baltimore (draft), June 1979.
- 5. Conference of Radiation Control Program Directors, Inc., Low-Level Radioactive Waste Management Survey Summary, 1984.

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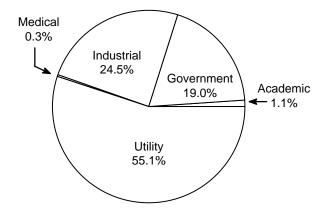
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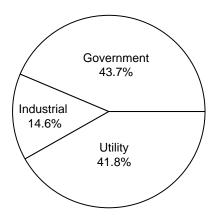
UNITED STATES Low-Level Radioactive Wastes Received at Commercial Disposal Sites^a in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	7,537.68	47.72
Government	130,873.37	75,020.30
Industrial	169,383.16	25,007.18
Medical	1,923.78	6.13
Utility	380,239.25	71,734.81
Total	689,957.24	171,816.13

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



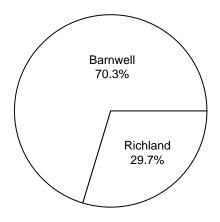


a. Data in this and all succeeding pages in Appendix A were provided by the Department of Energy's Manifest Information System. Data originated with Chem Nuclear Systems, Inc. and U.S. Ecology, Inc.

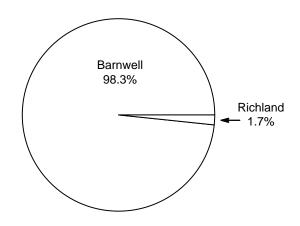
UNITED STATES Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	484,994.32	168,980.61
Richland	204,962.92	2,835.52
Total	689,957.24	171,816.13

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

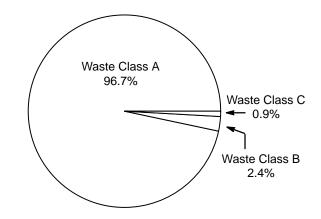


ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



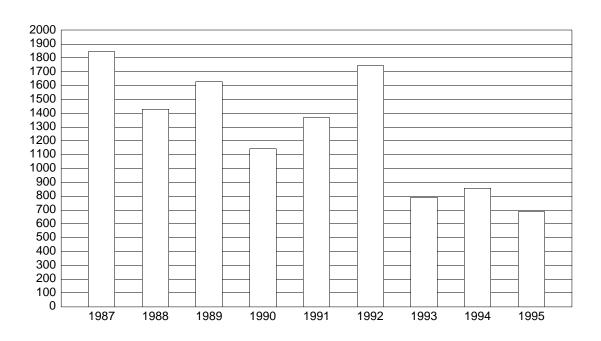
VOLUME PERCENTAGE BY WASTE CLASS UNITED STATES TOTAL (Percentages <.1% are not displayed)

United States Total Distribution By Waste Class	Volume (ft ³)
A B C	667,030.27 16,901.44 6,044.54
Total	689,976.25
Total Activity (curies)	171,816,17

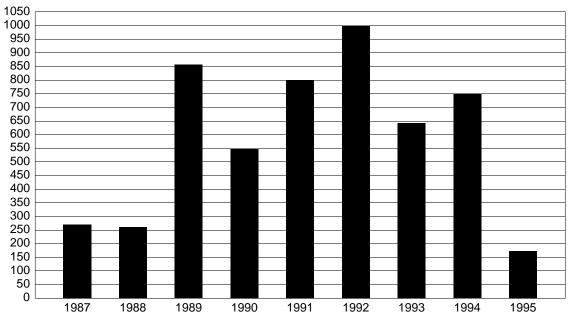


UNITED STATES Comparison By Year

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



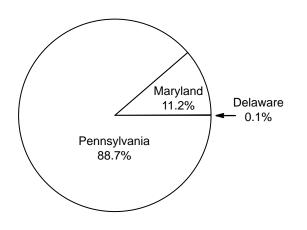
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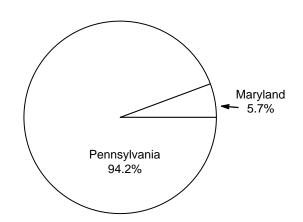
APPALACHIAN COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

States	Volume (ft ³)	Activity (curies)
Delaware	57.84	0.01
Maryland	4,428.70	346.16
Pennsylvania	35,199.60	5,691.87
West Virginia	4.19	4.64
Total	39,690.33	6,042.69

VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

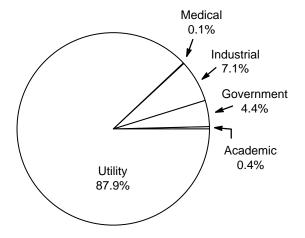
ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)

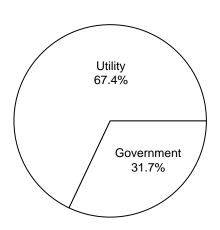




VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





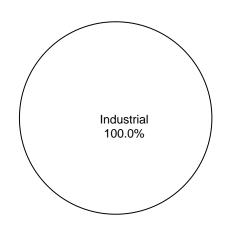
DELAWARE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)	
Industrial	57.84	0.01	
Total	57.84	0.01	

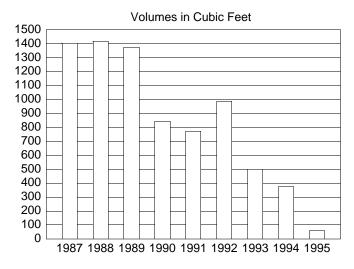
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

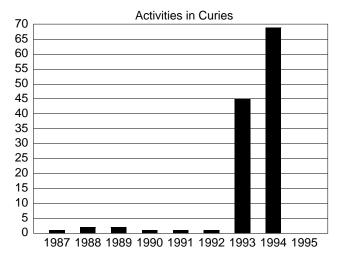
Industrial 100.0%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



COMPARISON BY YEAR



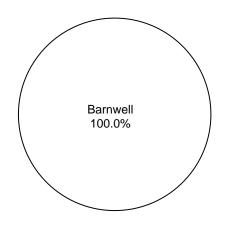


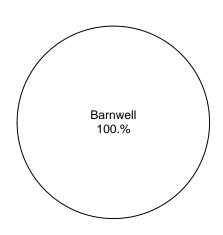
DELAWARE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	57.84	0.01
Total	57.84	0.01

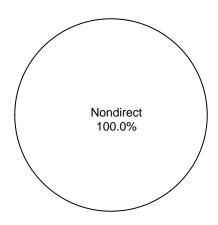
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)





VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)

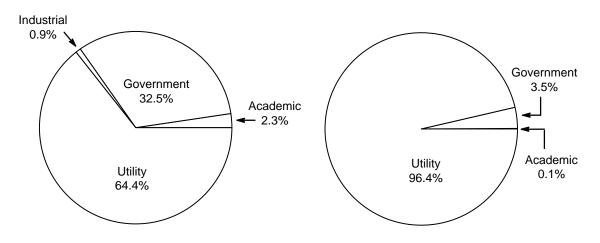


MARYLAND Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

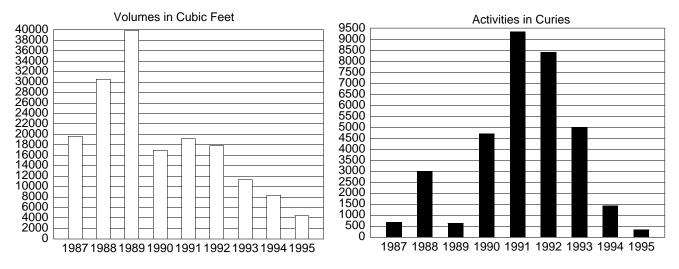
Generator Category	Volume (ft ³)	Activity (curies)
Academic	99.70	0.30
Government	1,438.90	12.03
Industrial	37.70	0.04
Utility	2,852.40	333.80
Total	4,428.70	346.16

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



COMPARISON BY YEAR



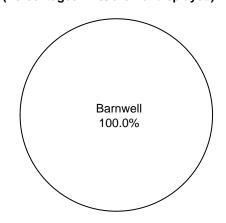
MARYLAND Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	4,428.70	346.16
Total	4,428.70	346.16

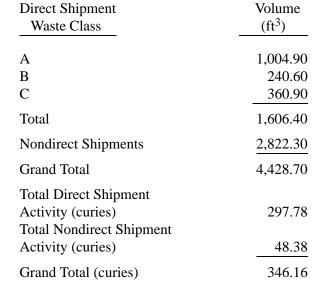
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

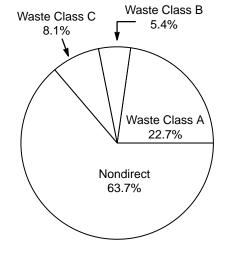
Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)



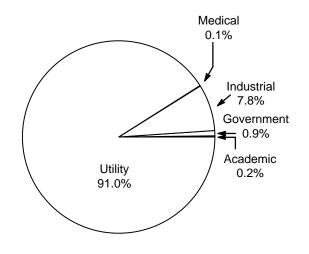


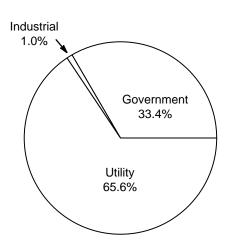
PENNSYLVANIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	62.67	0.16
Government	319.96	1,899.61
Industrial	2,733.79	56.23
Medical	38.48	0.20
Utility	32,044.70	3,735.67
Total	35,199.60	5,691.87

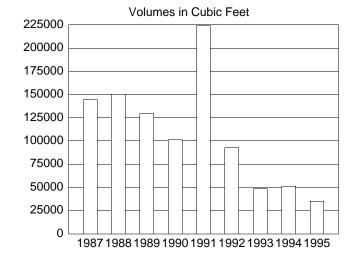
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

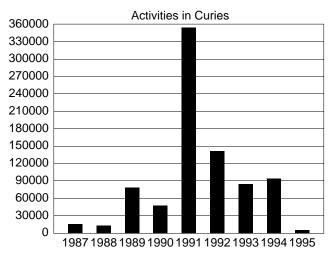
ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





COMPARISON BY YEAR





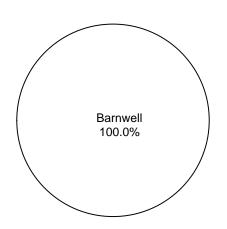
PENNSYLVANIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	35,199.60	5,691.87
Total	35,199.60	5,691.87

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

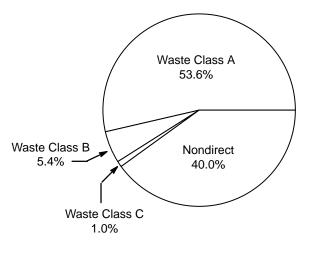
Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)

Direct Shipment	Volume
Waste Class	(ft^3)
A	18,882.20
В	1,883.70
C	360.90
Total	21,126.80
Nondirect Shipments	14,072.80
Grand Total	35,199.60
Total Direct Shipment Activity (curies) Total Nondirect Shipment	3,196.32
Activity (curies)	2,495.55
Grand Total (curies)	5,691.87



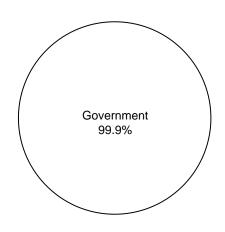
WEST VIRGINIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Government	1.10	4.64
Industrial	3.09	<1
Total	4.19	4.64

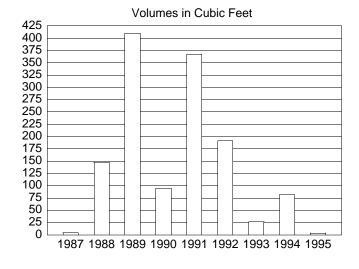
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

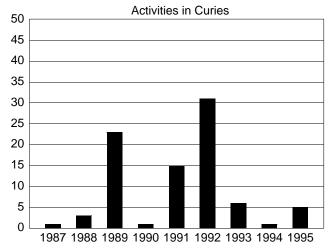
Government 26.3% Industrial 73.7%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



COMPARISON BY YEAR





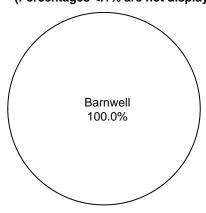
WEST VIRGINIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	4.19	4.64
Total	4.19	4.64

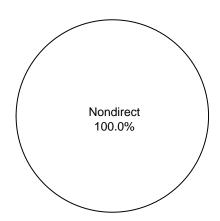
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



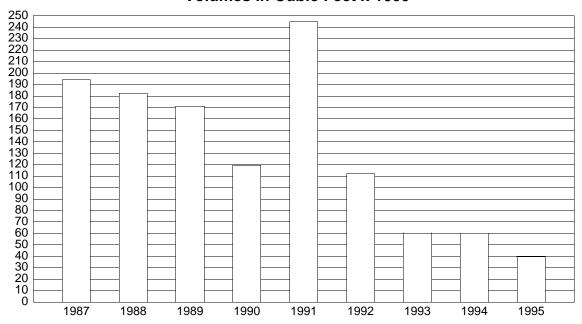
VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)



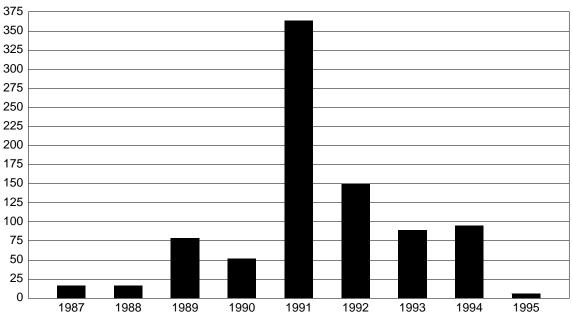
APPALACHIAN COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Appalachian compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

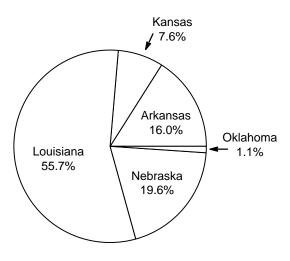


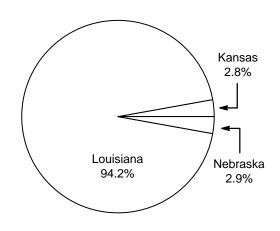
CENTRAL COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

States	Volume (ft ³)	Activity (curies)
Arkansas	1,943.10	8.35
Kansas	926.36	398.34
Louisiana	6,767.70	13,244.40
Nebraska	2,385.40	407.25
Oklahoma	137.60	0.01
Total	12,160.16	14,058.34

VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

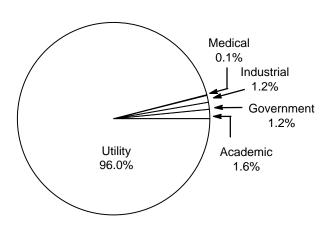
ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)

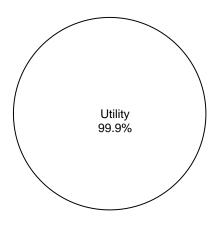




VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





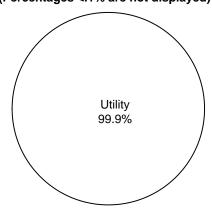
ARKANSAS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic Utility	7.50 1,935.60	<1 8.35
Total	1,943.10	8.35

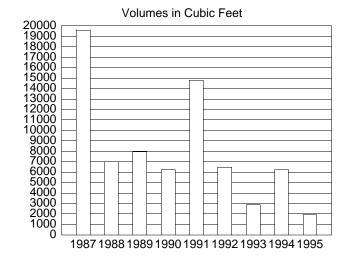
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

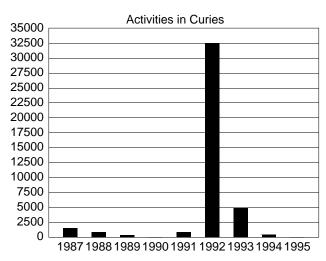
Utility 99.6% Academic 0.4%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



COMPARISON BY YEAR



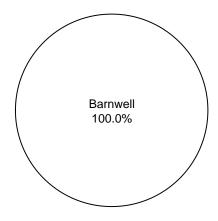


ARKANSAS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	1,943.10	8.35
Total	1,943.10	8.35

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

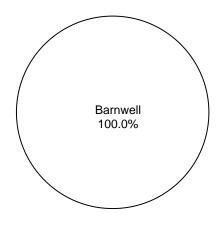
ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



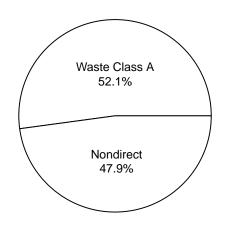
Direct Shipment Waste Class	Volume (ft ³)
A B C	1,012.00 0.00 0.00
Total	1,012.00
Nondirect Shipments	931.10
Grand Total	1,943.10
Total Direct Shipment Activity (curies) Total Nondirect Shipment	2.02

Activity (curies)

Grand Total (curies)



VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)



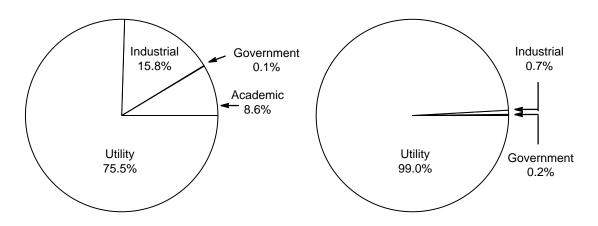
6.33

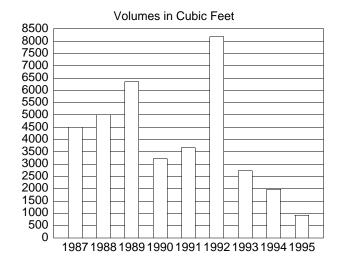
8.35

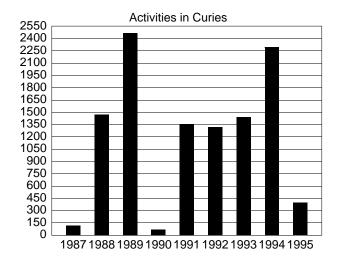
KANSAS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	79.56	0.06
Government	0.50	0.81
Industrial	146.80	2.98
Utility	699.50	394.49
Total	926.36	398.34

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



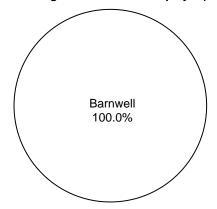




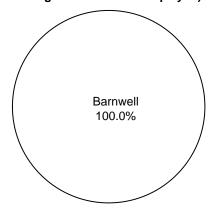
KANSAS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	926.36	398.34
Total	926.36	398.34

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

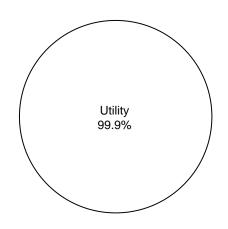


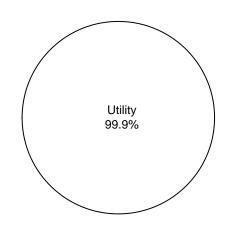
Direct Shipment Waste Class	Volume (ft ³)	Waste Class A
A B C	120.30 240.60 83.40	Waste Class C Waste Class B 26.0%
Total	444.30	
Nondirect Shipments	482.06	
Grand Total	926.36	Nondirect 52.0%
Total Direct Shipment Activity (curies) Total Nondirect Shipment	393.65	32.0%
Activity (curies)	4.69	
Grand Total (curies)	398.34	

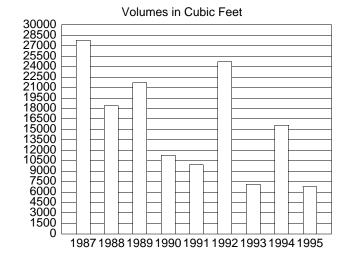
LOUISIANA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

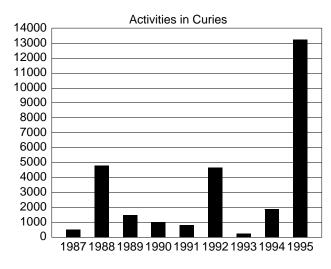
Generator Category	Volume (ft ³)	Activity (curies)
Government	1.70	0.05
Industrial	0.10	<1
Utility	6,765.90	13,244.35
Total	6,767.70	13,244.40

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









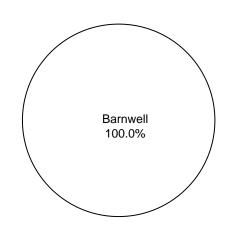
LOUISIANA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	6,767.70	13,244.40	
Total	6,767.70	13,244.40	

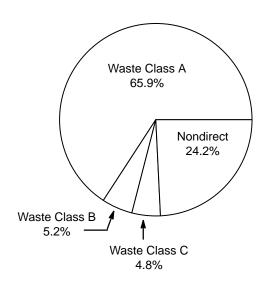
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



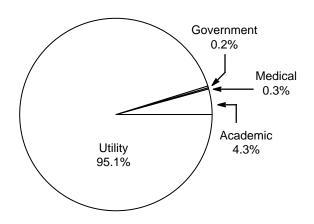
Direct Shipment	Volume
Waste Class	(ft^3)
A	4,461.50
В	348.60
C	322.20
Total	5,132.30
Nondirect Shipments	1,635.40
Grand Total	6,767.70
Total Direct Shipment Activity (curies) Total Nondirect Shipment	13,238.87
Activity (curies)	5.53
Grand Total (curies)	13,244.40

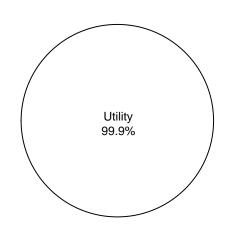


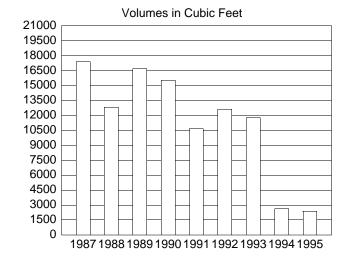
NEBRASKA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

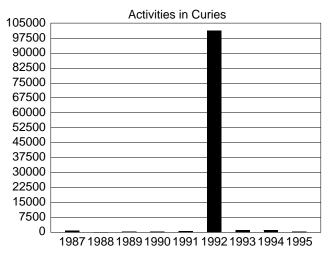
Generator Category	Volume (ft ³)	Activity (curies)
Academic	102.70	0.14
Government	5.30	<1
Industrial	1.10	<1
Medical	7.50	0.01
Utility	2,268.80	407.10
Total	2,385.40	407.25

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









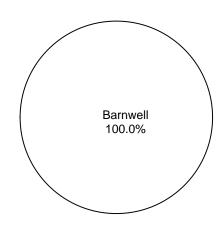
NEBRASKA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	2,385.40	407.25
Total	2,385.40	407.25

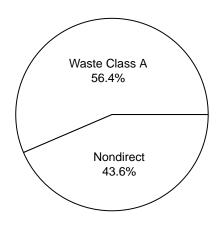
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B C	1,345.00 0.00 0.00
Total	1,345.00
Nondirect Shipments	1,040.40
Grand Total	2,385.40
Total Direct Shipment Activity (curies) Total Nondirect Shipment	405.21
Activity (curies)	2.04
Grand Total (curies)	407.25



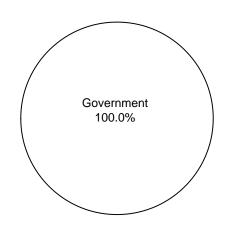
OKLAHOMA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

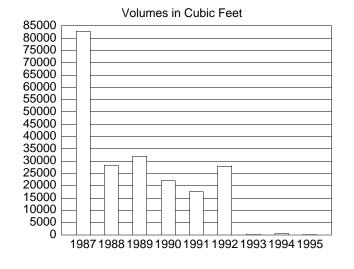
Generator Category	Volume (ft ³)	Activity (curies)
Government	137.60	0.01
Total	137.60	0.01

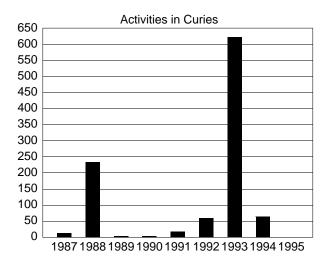
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

Government 100.0%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





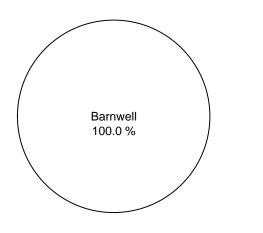


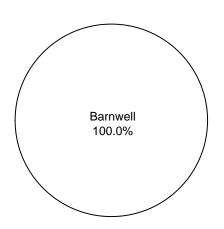
OKLAHOMA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

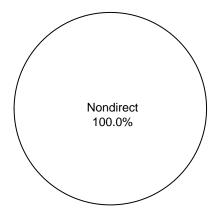
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	137.60	0.01
Total	137.60	0.01

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



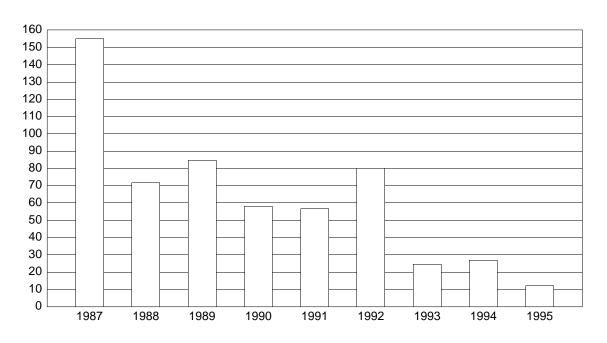


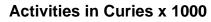


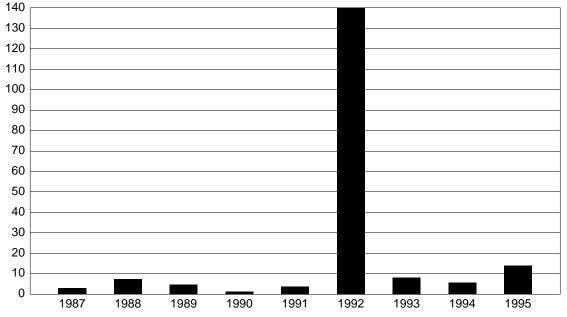
CENTRAL COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Central compact region.

Volumes in Cubic Feet x 1000







CENTRAL MIDWEST COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

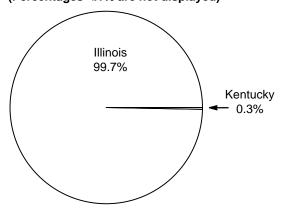
States	Volume (ft ³)	Activity (curies)
Illinois Kentucky	57,761.51 90.70	7,043.88 19.81
Total	57,852.21	7,063.69

VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

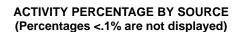
Illinois 99.8%

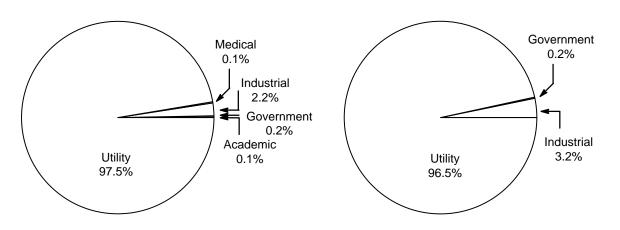
Kentucky
0.2%

ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)



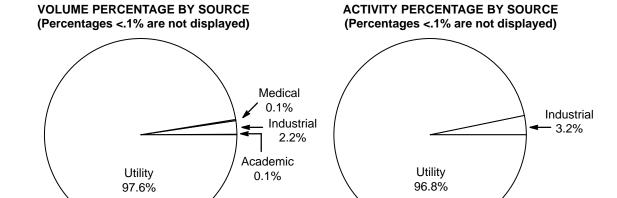
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

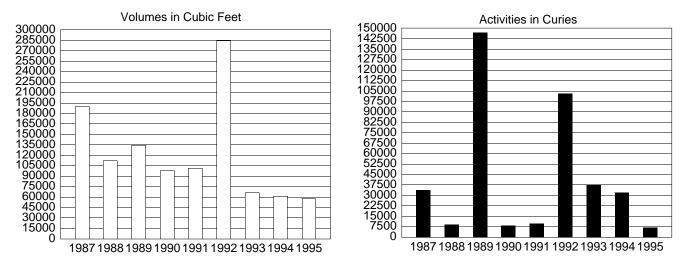




ILLINOIS
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

Generator	Volume	Activity
Category	(ft^3)	(curies)
		
Academic	49.60	0.07
Government	18.60	0.01
Industrial	1,255.97	226.38
Medical	42.80	<1
Utility	56,394.54	6,817.42
Total	57,761.51	7,043.88





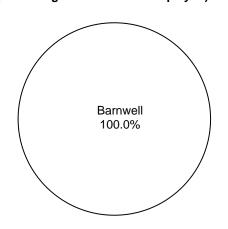
ILLINOIS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	57,761.51	7,043.88
Total	57,761.51	7,043.88

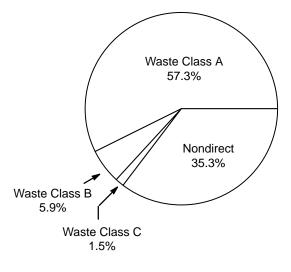
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B C	33,091.40 3,408.40 866.30
Total	37,366.10
Nondirect Shipments	20,395.41
Grand Total	57,761.51
Total Direct Shipment Activity (curies) Total Nondirect Shipment Activity (curies)	6,743.05 300.83
Grand Total (curies)	7,043.88



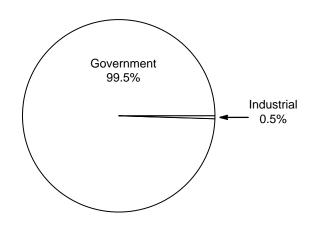
KENTUCKY Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

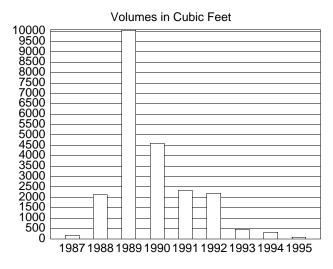
Generator Category	Volume (ft ³)	Activity (curies)
Government	77.80	19.71
Industrial	1.30	0.10
Medical	11.60	<1
m . 1		10.01
Total	90.70	19.81

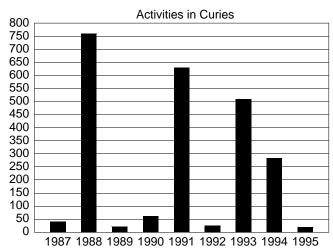
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

Government 85.8% Medical 12.8% Industrial 1.4%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





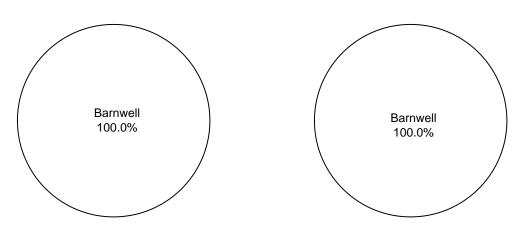


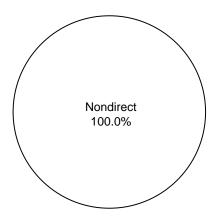
KENTUCKY Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	90.70	19.81
Total	90.70	19.81

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

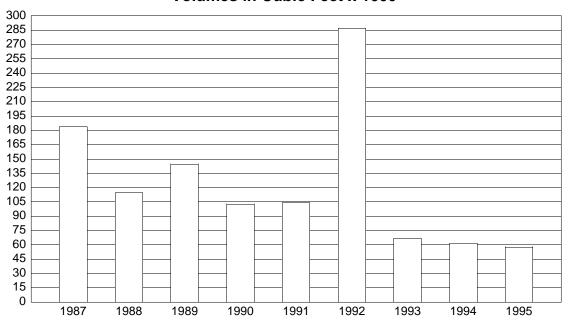




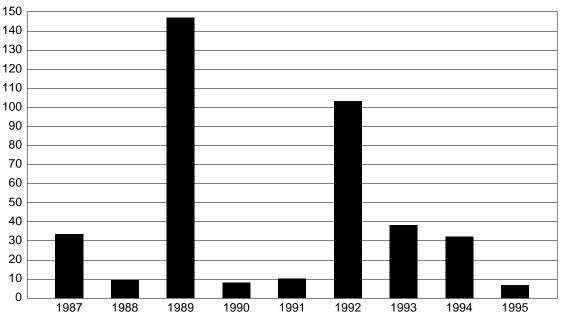
CENTRAL MIDWEST COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Central Midwest compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

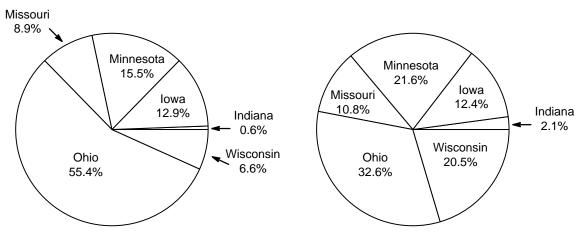


MIDWEST COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

States	Volume (ft ³)	Activity (curies)
Indiana	100.78	35.61
Iowa	2,058.00	209.38
Minnesota	2,466.63	365.12
Missouri	1,423.04	183.44
Ohio	8,822.07	552.75
Wisconsin	1,050.86	347.92
Total	15,921.38	1,694.21

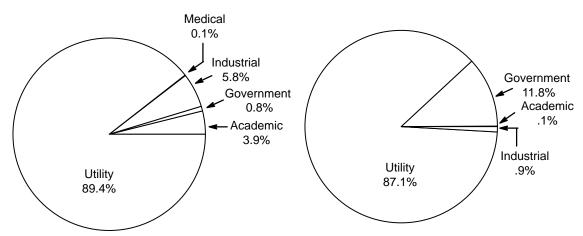
VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

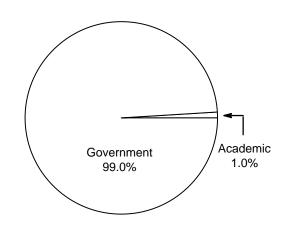


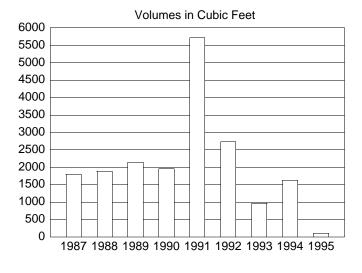
INDIANA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

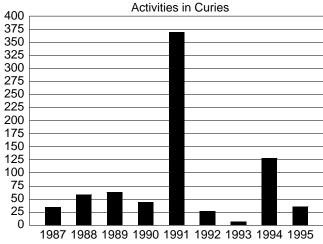
Generator Category	Volume (ft ³)	Activity (curies)
Academic Government	58.38 42.40	0.36 35.24
Total	100.78	35.61

Academic 57.9% Government 42.1%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







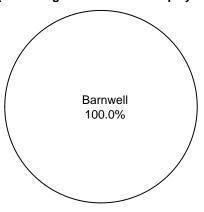
INDIANA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

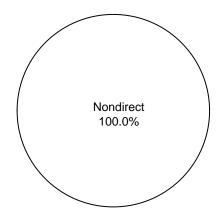
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	100.78	35.61
Total	100.78	35.61

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

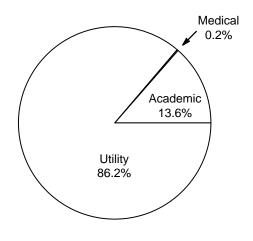


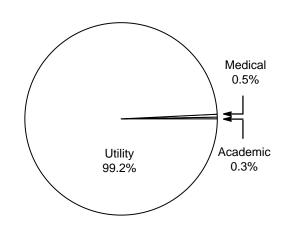


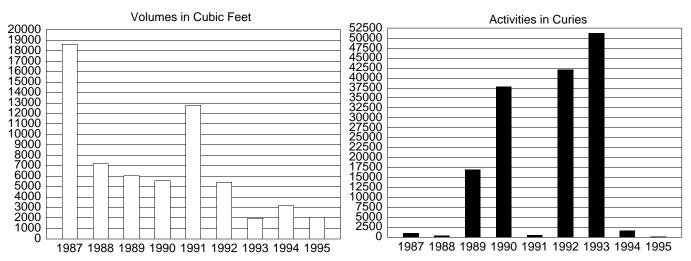
IOWA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	279.60	0.64
Medical	4.10	0.95
Utility	1,774.30	207.79
Total	2,058.00	209.38

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







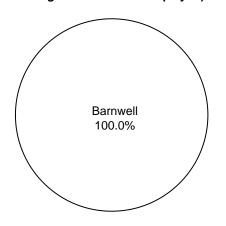
IOWA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	2,058.00	209.38
Total	2,058.00	209.38

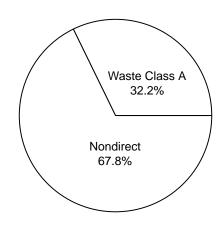
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B C	662.00 0.00 0.00
Total	662.00
Nondirect Shipments	1,396.00
Grand Total	2,058.00
Total Direct Shipment Activity (curies) Total Nondirect Shipment	136.20
Activity (curies)	73.18
Grand Total (curies)	209.38

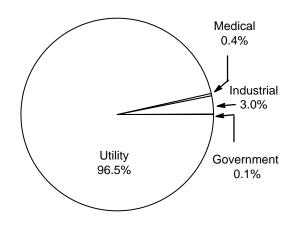


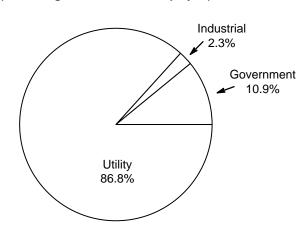
MINNESOTA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

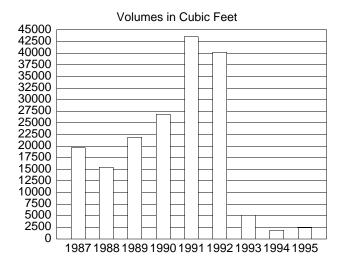
Generator Category	Volume (ft ³)	Activity (curies)
Government	2.90	39.96
Industrial	74.33	8.24
Medical	9.10	<1
Utility	2,380.30	316.92
Total	2,466.63	365.12

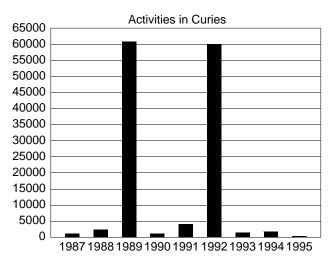
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





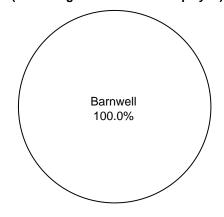




MINNESOTA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	2,466.63	365.12	
Total	2,466.63	365.12	

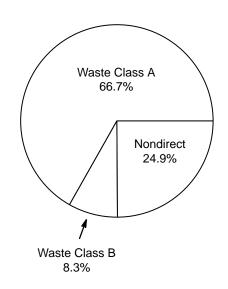
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



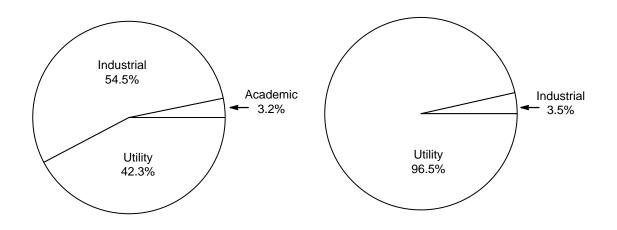
Direct Shipment Waste Class	Volume (ft ³)
A B C	1,646.40 205.80 0.00
Total	1,852.20
Nondirect Shipments	614.43
Grand Total	2,466.63
Total Direct Shipment Activity (curies) Total Nondirect Shipment Activity (curies)	315.91 49.21
• • •	
Grand Total (curies)	365.12

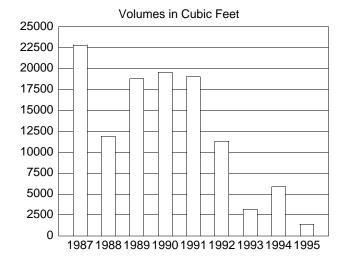


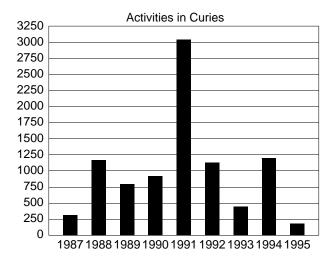
MISSOURI Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	45.56	0.07
Industrial	775.08	6.40
Utility	602.40	176.97
Total	1,423.04	183.44

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



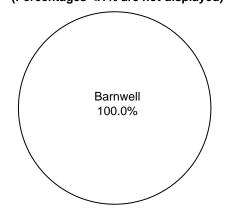




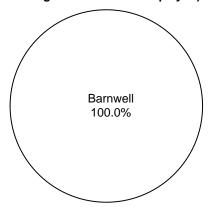
MISSOURI Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	1,423.04	183.44
Total	1,423.04	183.44

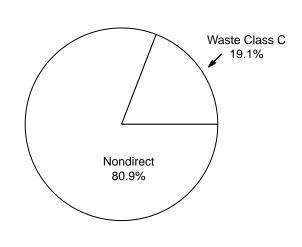
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment	Volume
Waste Class	(ft^3)
A	0.00
В	0.00
C	271.60
Total	271.60
Nondirect Shipments	1,151.44
Grand Total	1,423.04
Total Direct Shipment Activity (curies) Total Nondirect Shipment	175.60
Activity (curies)	7.84
Grand Total (curies)	183.44

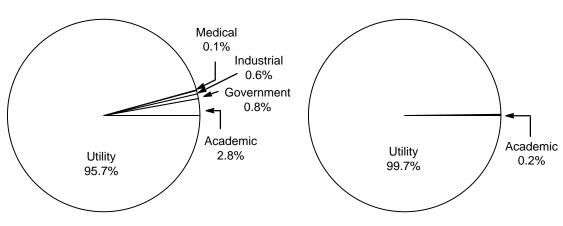


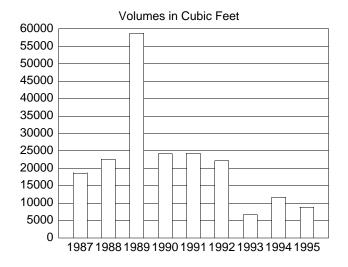
OHIO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

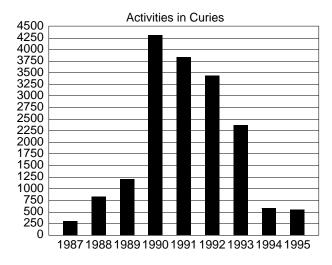
Generator Category	Volume (ft ³)	Activity (curies)
Academic	244.10	1.21
Government	74.10	0.27
Industrial	54.60	0.02
Medical	8.37	<1
Utility	8,440.90	551.24
Total	8,822.07	552.75

Medical 0.7%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







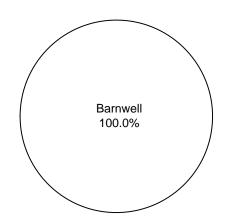
OHIO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	8,822.07	552.75	
Total	8,822.07	552.75	

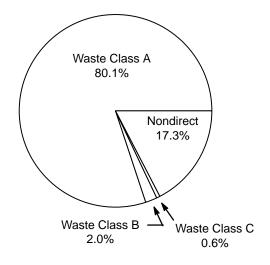
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment	Volume
Waste Class	(ft^3)
	7.060.10
A	7.068.10
В	174.30
C	51.20
Total	7,293.60
Nondirect Shipments	1,528.47
Grand Total	8,822.07
Total Direct Shipment	
Activity (curies)	533.98
Total Nondirect Shipment	
Activity (curies)	18.77
Grand Total (curies)	552.75

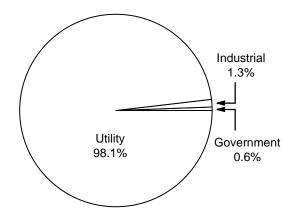


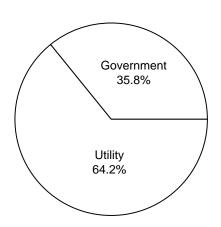
WISCONSIN Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

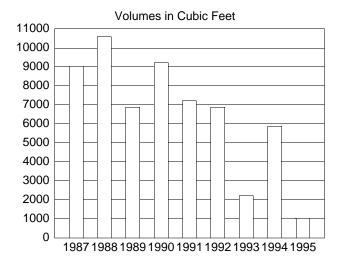
Generator Category	Volume (ft ³)	Activity (curies)
Government	6.00	124.46
Industrial	13.98	<1
Utility	1,030.88	223.46
Total	1,050.86	347.92

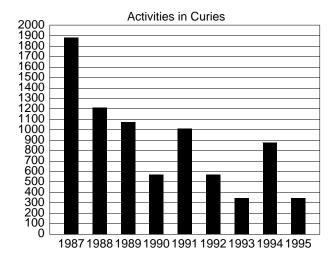
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









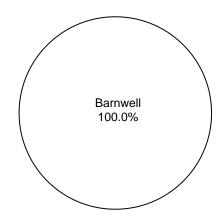
WISCONSIN Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

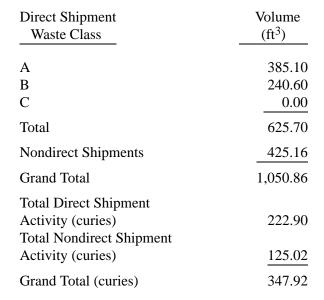
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	1,050.86	347.92
Total	1,050.86	347.92

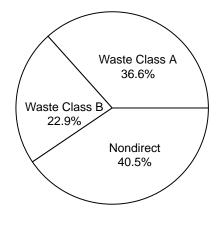
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



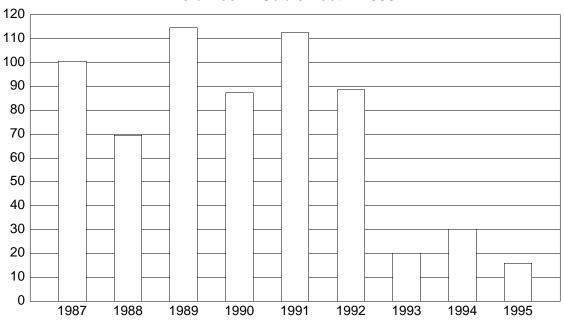




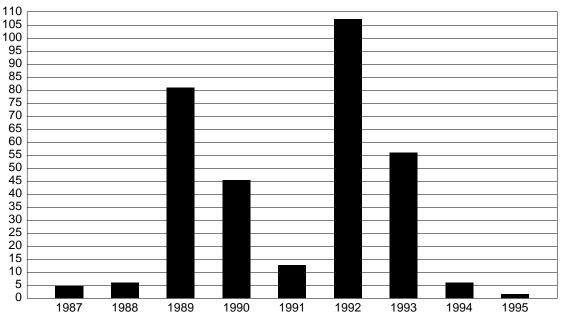
MIDWEST COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Midwest compact region.





Activities in Curies x 1000

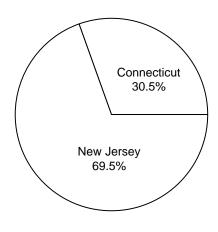


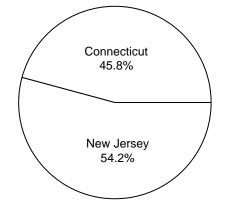
NORTHEAST COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

States	Volume (ft ³)	Activity (curies)
Connecticut New Jersey	6,216.17 14,183.72	840.51 996.27
Total	20,399.89	1,836.79

VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

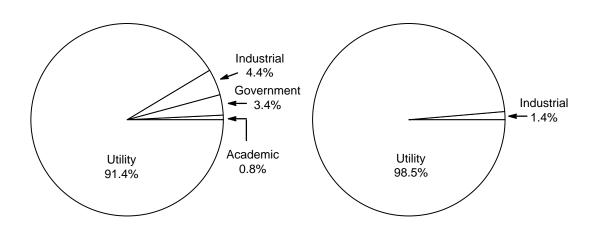
ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)





VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

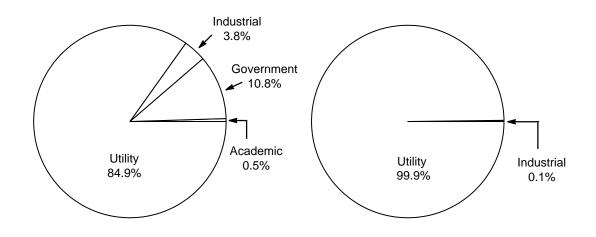


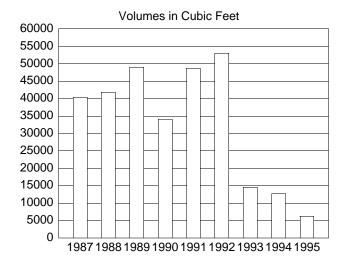
CONNECTICUT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

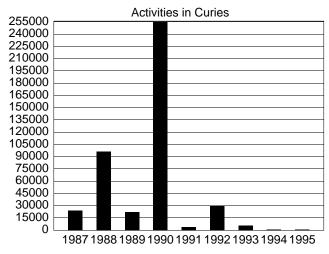
Generator Category	Volume (ft ³)	Activity (curies)
Academic	33.73	0.21
Government	668.50	0.14
Industrial	234.74	0.87
Utility	5,279.20	839.28
Total	6,216.17	840.51

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



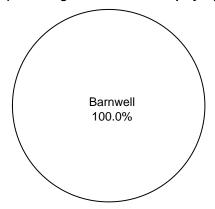




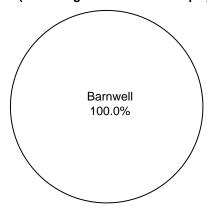
CONNECTICUT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	6,216.17	840.51
Total	6,216.17	840.51

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

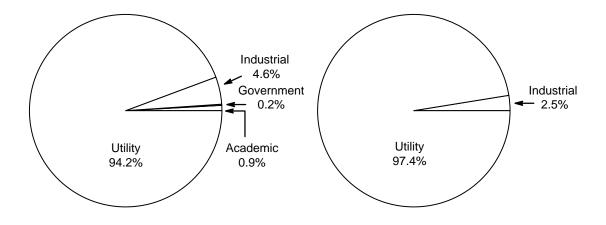


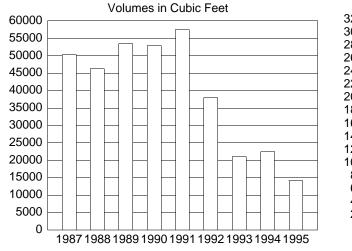
Direct Shipment Waste Class	Volume (ft ³)	Waste Class B
A B C	1,949.30 617.00 120.30	9.9% Waste Class C 1.9% Waste Class A
Total Nondirect Shipments	2,686.60 3,529.57	31.4%
Grand Total	6,216.17	Nondirect
Total Direct Shipment Activity (curies) Total Nondirect Shipment	834.54	56.8%
Activity (curies)	5.97	
Grand Total (curies)	840.51	

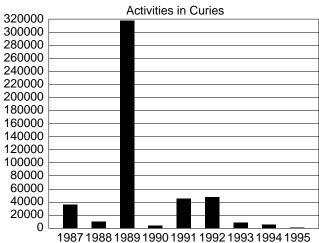
NEW JERSEY Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	129.30	0.16
Government	35.10	<1
Industrial	656.32	25.26
Utility	13,363.00	970.85
Total	14,183.72	996.27

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



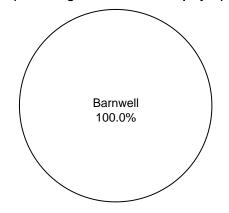




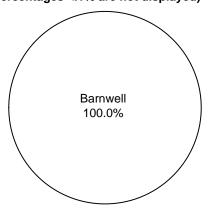
NEW JERSEY Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	14,183.72	996.27	
Total	14,183.72	996.27	

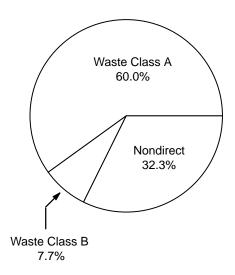
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



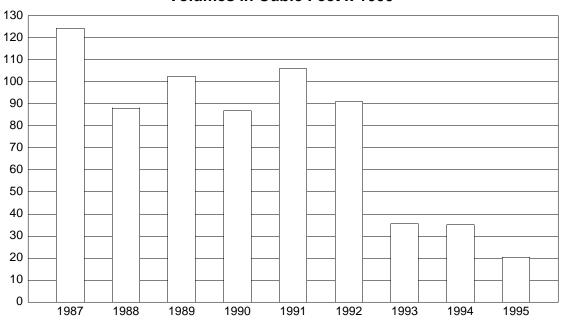
Direct Shipment Waste Class	Volume (ft ³)
A B C	8,515.10 1,090.90 0.00
Total	9,606.00
Nondirect Shipments	4,577.72
Grand Total	14,183.72
Total Direct Shipment Activity (curies) Total Nondirect Shipment	959.76
Activity (curies)	36.51
Grand Total (curies)	996.27



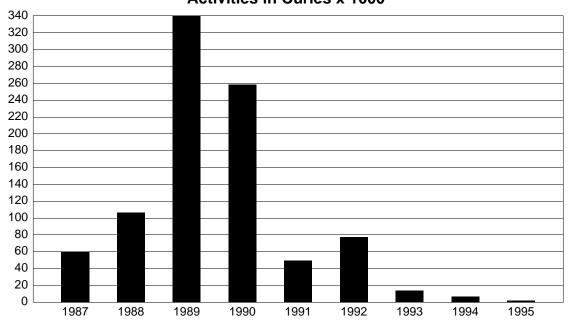
NORTHEAST COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Northeast compact region.

Volumes in Cubic Feet x 1000



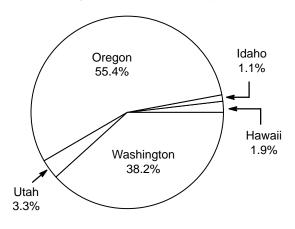
Activities in Curies x 1000



NORTHWEST COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

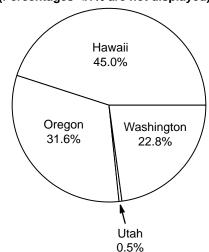
States	Volume (ft ³)	Activity (curies)
Alaska	0	0
Hawaii	2,633.58	1,820.88
Idaho	1,459.81	0.05
Montana	7.50	<1
Oregon	74,820.07	1,278.94
Utah	4,498.43	22.10
Washington	51,606.20	923.17
Wyoming	52.80	0.12
Total	135,078.39	4,045.26

VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

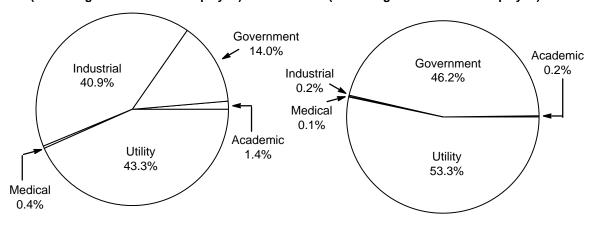


VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

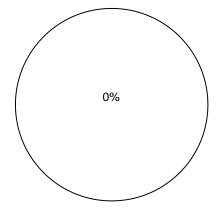


ALASKA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

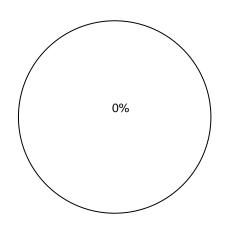
Generator Volume Activity
Category (ft³) (curies)

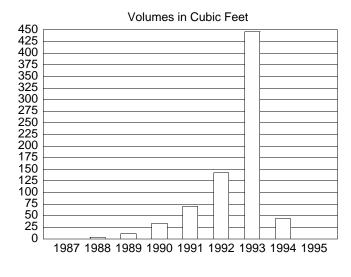
No LLW Disposed in 1995

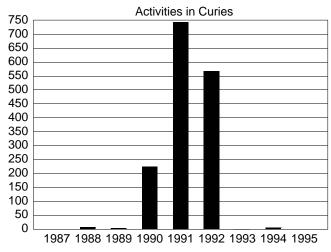
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





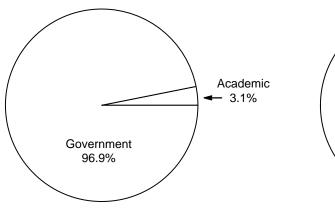


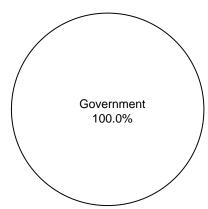
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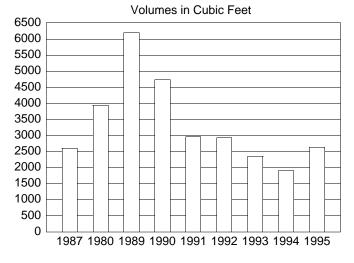
HAWAII Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

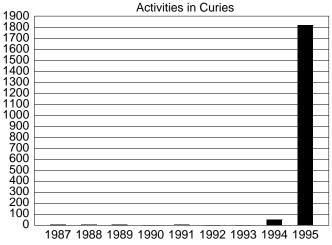
Generator Category	Volume (ft ³)	Activity (curies)
Academic	82.35	0.15
Government	2,551.23	1,820.74
Total	2,633.58	1,820.88

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









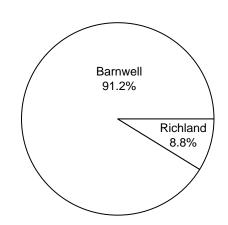
HAWAII Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

$\underline{\hspace{1cm}}$	(curies)
59.70	1,660.21
	1,820.88
	(ft ³) 59.70 2,573.88 2,633.58

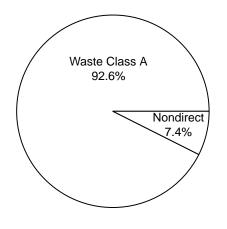
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Richland 97.7%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



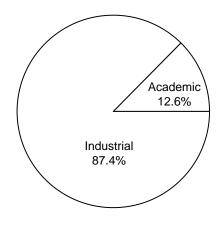
Direct Shipment	Volume
Waste Class	(ft^3)
A	2,438.02
В	0.00
C	0.00
Total	2,438.02
Nondirect Shipments	195.56
Grand Total	2,633.58
Total Direct Shipment Activity (curies)	84.74
Total Nondirect Shipment	1.706.14
Activity (curies)	1,736.14
Grand Total (curies)	1,820.88

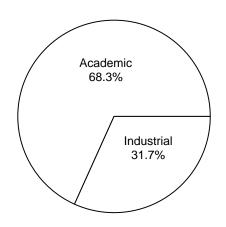


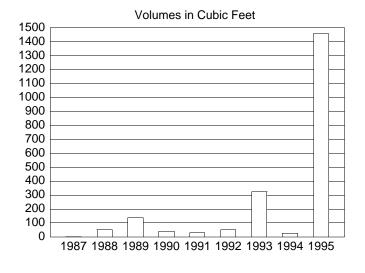
IDAHO
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

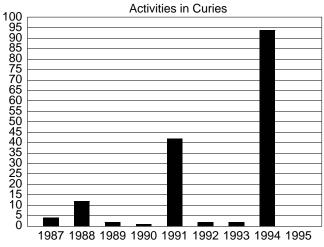
Generator Category	Volume (ft ³)	Activity (curies)
Academic	184.01	0.04
Industrial	1,275.80	0.02
Total	1,459.81	0.05

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









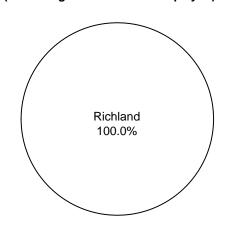
IDAHO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

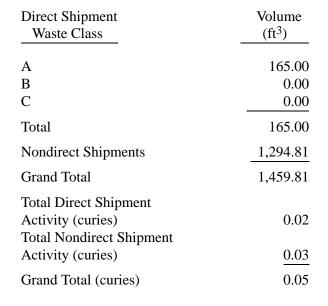
Disposal Site	Volume (ft ³)	Activity (curies)
Richland	1,459.81	0.05
Total	1,459.81	0.05

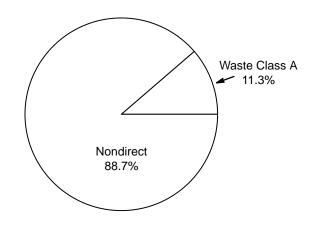
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Richland 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)





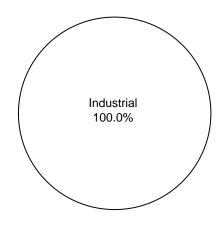


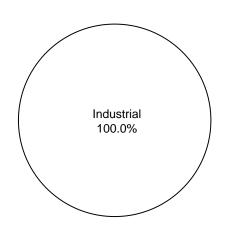
MONTANA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

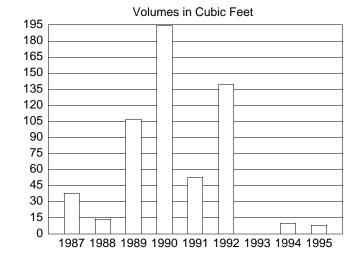
Generator Category	Volume (ft ³)	Activity (curies)
Industrial	7.50	<1
Total	7.50	<1

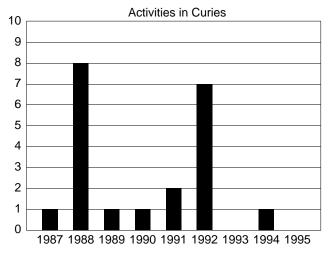
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









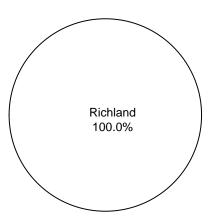
MONTANA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

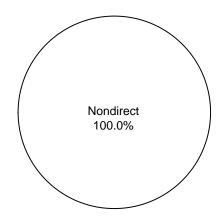
Disposal Site	Volume (ft ³)	Activity (curies)
Richland	7.50	<1
Total	7.50	<1

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Richland 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

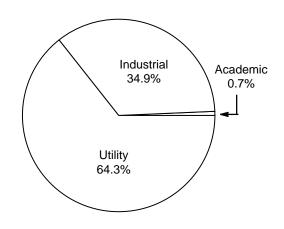


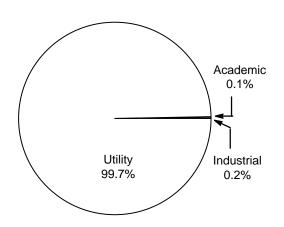


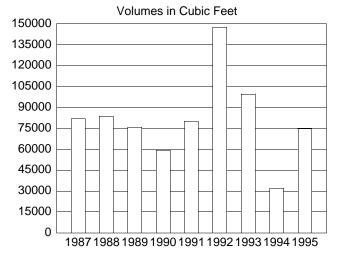
OREGON
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

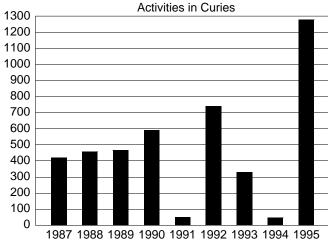
Generator Category	Volume (ft ³)	Activity (curies)
Academic	499.62	0.92
Government	30.10	0.02
Industrial	26,141.62	2.35
Medical	15.73	0.02
Utility	48,133.00	1,275.63
Total	74,820.07	1,278.94

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





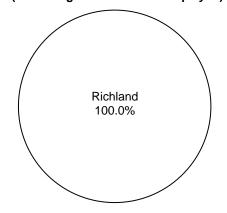




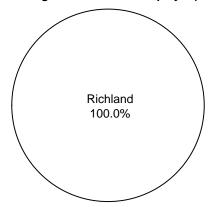
OREGON Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Richland	74,820.07	1,278.94	
Total	74,820.07	1,278.94	

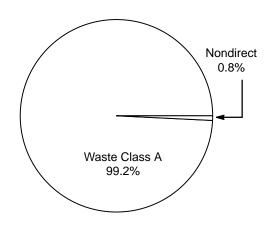
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



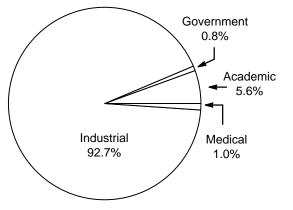
Direct Shipment Waste Class	Volume (ft ³)
A B C	74,225.20 0.00 0.00
Total	74,225.20
Nondirect Shipments	594.87
Grand Total	74,820.07
Total Direct Shipment Activity (curies) Total Nondirect Shipment	1,277.82
Activity (curies)	1.12
Grand Total (curies)	1,278.94

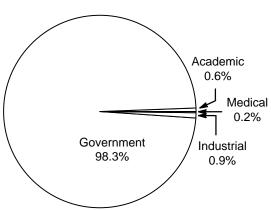


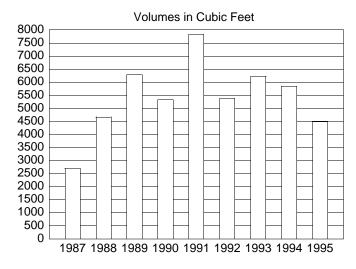
UTAH
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

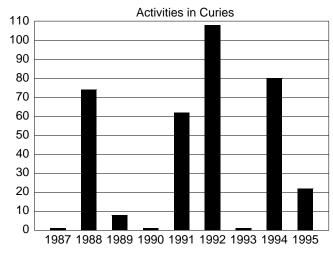
Generator Category	Volume (ft ³)	Activity (curies)
Academic	250.09	0.13
Government	36.85	21.73
Industrial	4,168.01	0.21
Medical	43.48	0.04
Total	4,498.43	22.10

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







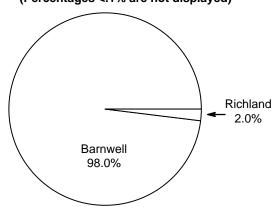


UTAH Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

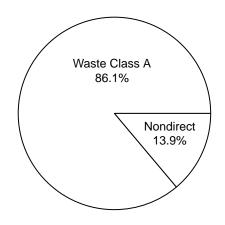
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell Richland	3.00 4,495.43	21.66 0.44
Total	4,498.43	22.10

Richland 99.9%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment	Volume
Waste Class	(ft^3)
	205100
A	3,874.00
В	0.00
C	0.00
Total	3,874.00
Nondirect Shipments	624.43
Grand Total	4,498.43
Total Direct Shipment	
Activity (curies)	0.21
Total Nondirect Shipment	
Activity (curies)	21.89
Grand Total (curies)	22.10

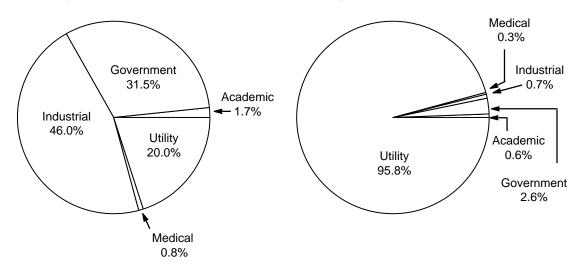


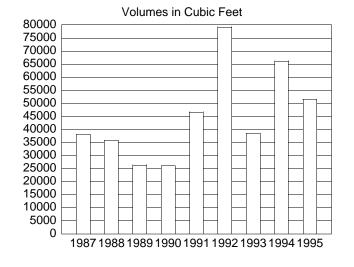
WASHINGTON Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

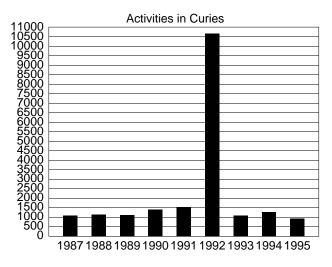
Generator Category	Volume (ft ³)	Activity (curies)
Academic	866.97	5.30
Government	16,276.08	24.37
Industrial	23,716.71	6.15
Medical	428.04	3.17
Utility	10,318.40	884.18
Total	51,606.20	923.17

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



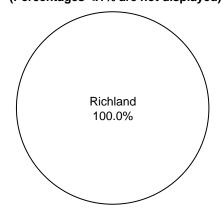




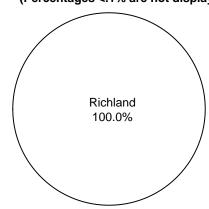
WASHINGTON Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Richland	51,606.20	923.17	
Total	51,606.20	923.17	

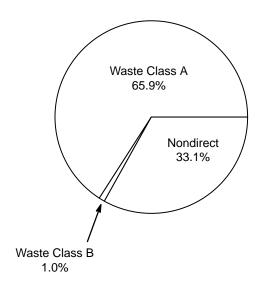
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B C	33,985.38 529.60 0.00
Total	34,514.98
Nondirect Shipments	17,091.22
Grand Total	51,606.20
Total Direct Shipment Activity (curies) Total Nondirect Shipment	907.24
Activity (curies)	15.93
Grand Total (curies)	923.17

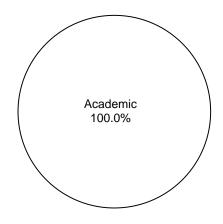


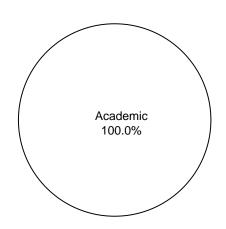
WYOMING Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

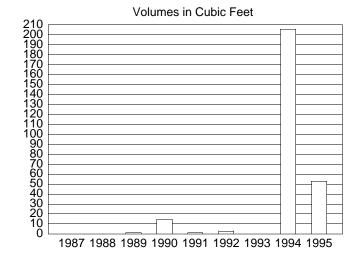
Generator Category	Volume (ft ³)	Activity (curies)	
Academic	52.80	0.12	
Total	52.80	0.12	

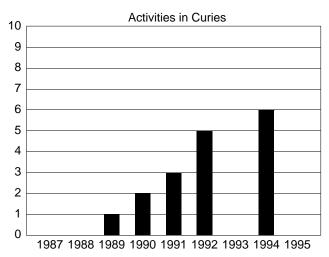
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







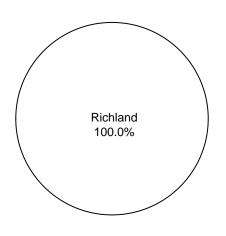


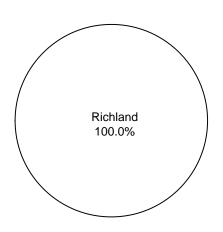
WYOMING Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

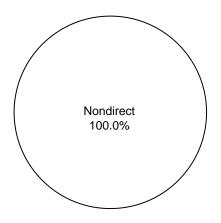
Disposal Site	Volume (ft ³)	Activity (curies)	
Richland	52.80	0.12	
Total	52.80	0.12	

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



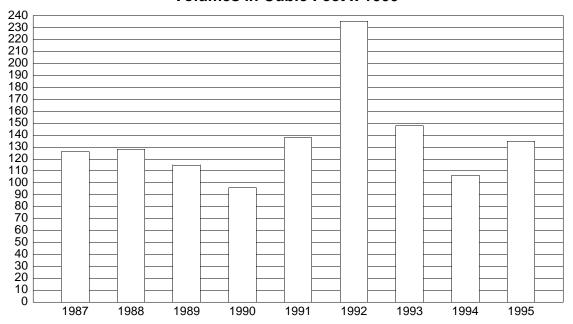




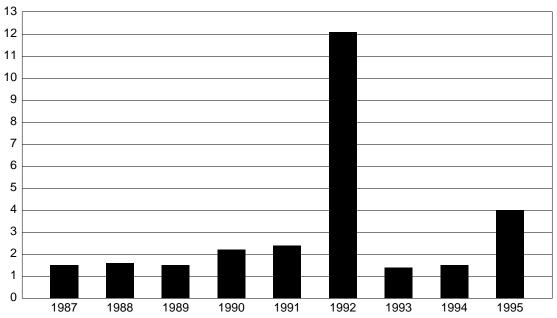
NORTHWEST COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Northwest compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



ROCKY MOUNTAIN COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

States	Volume (ft ³)	Activity (curies)
Colorado	68,987.55	552.72
Nevada	75.67	0.07
New Mexico	890.91	2.17
Total	69,954.13	554.96

VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

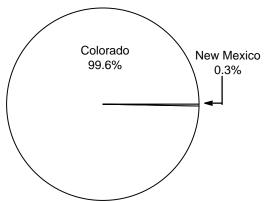
Colorado 98.6%

New Mexico 1.3%

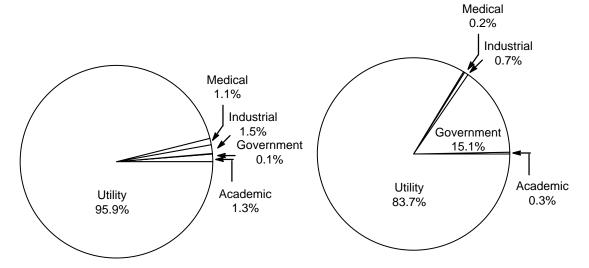
Nevada 0.1%

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)



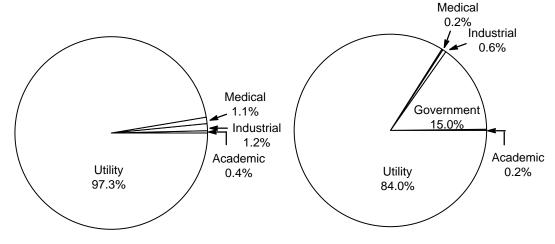
ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

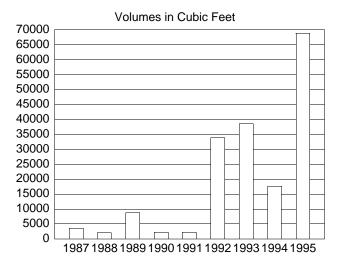


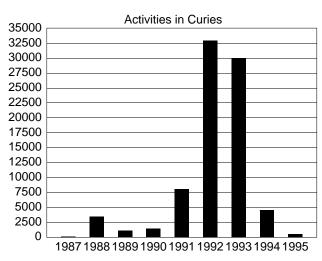
COLORADO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	278.81	0.98
Government	19.04	82.84
Industrial	823.57	3.36
Medical	771.23	1.05
Utility	67,094.90	464.49
Total	68,987.55	552.72

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



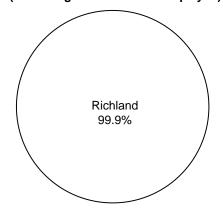




COLORADO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

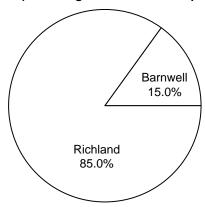
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell Richland	6.90 68,980.65	82.83 469.89
Total	68,987.55	552.72

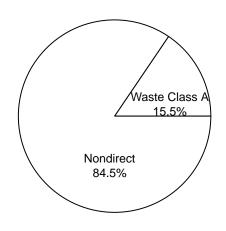
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B C	10,723.50 0.00 0.00
Total	10,723.50
Nondirect Shipments	58,264.05
Grand Total	68,987.55
Total Direct Shipment Activity (curies) Total Nondirect Shipment Activity (curies)	238.89 313.83
• ` ` `	
Grand Total (curies)	552.72

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

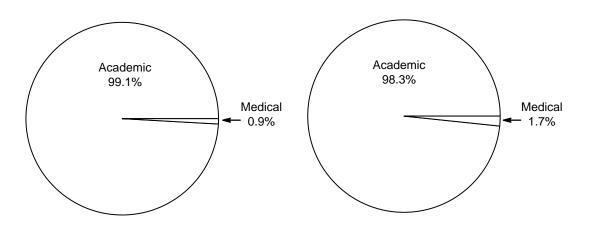


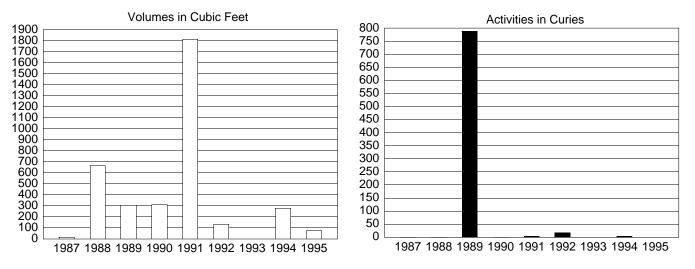


NEVADA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic Medical	75.00 0.67	0.07 <1
Total	75.67	0.07

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





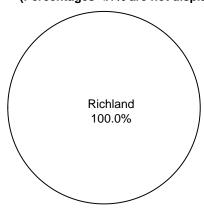
NEVADA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

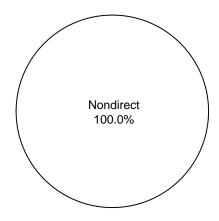
Disposal Site	Volume (ft ³)	Activity (curies)
Richland	75.67	0.07
Total	75.67	0.07

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Richland 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



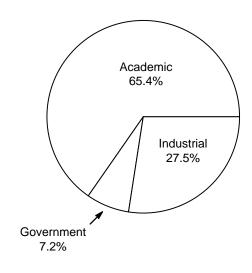


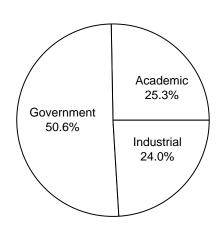
NEW MEXICO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

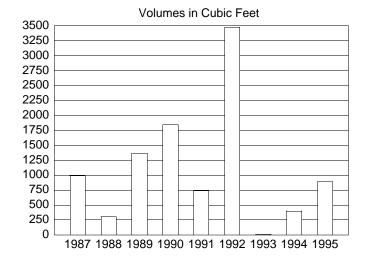
Generator Category	Volume (ft ³)	Activity (curies)
Academic	582.47	0.55
Government	63.78	1.10
Industrial	244.66	0.52
Total	890.91	2.17

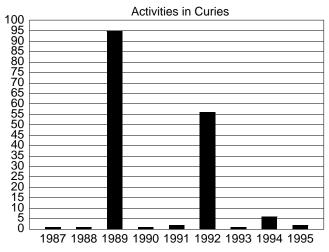
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









NEW MEXICO Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

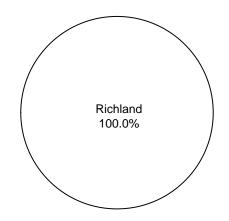
Disposal Site	Volume (ft ³)	Activity (curies)
Richland	890.91	2.17
Total	890.91	2.17

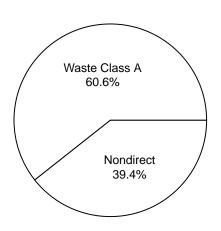
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Richland 100.0%

Direct Shipment Volume Waste Class (ft^3) 540.00 A В 0.00 C 0.00 Total 540.00 **Nondirect Shipments** 350.91 **Grand Total** 890.91 **Total Direct Shipment** Activity (curies) 0.54 **Total Nondirect Shipment** Activity (curies) 1.63 Grand Total (curies) 2.17

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

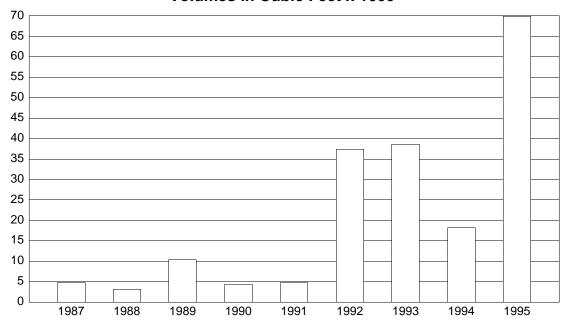




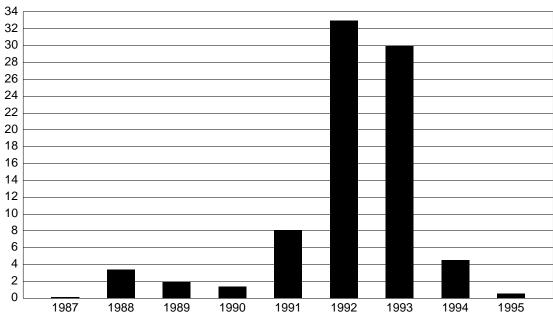
ROCKY MOUNTAIN COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Rocky Mountain compact region.

Volumes in Cubic Feet x 1000



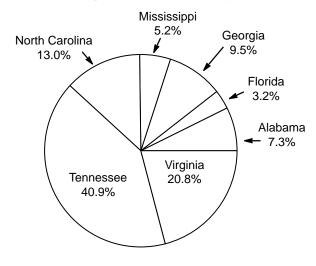
Activities in Curies x 1000



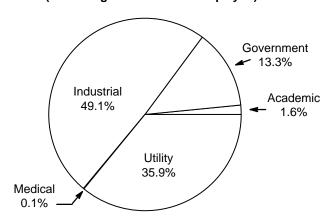
SOUTHEAST COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

	Volume	Activity
States	(ft^3)	(curies)
Alabama	14.056.25	79 240 29
Alabama	14,056.35	78,340.28
Florida	6,135.82	2,443.64
Georgia	18,327.29	13,798.39
Mississippi	10,030.40	1,543.25
North Carolina	25,011.18	3,310.35
Tennessee	78,809.90	777.10
Virginia	40,130.03	951.31
Total	192,500.97	101,164.32

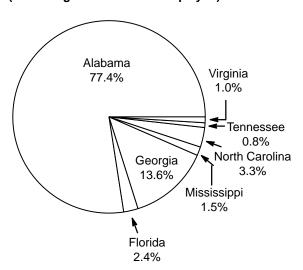
VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)



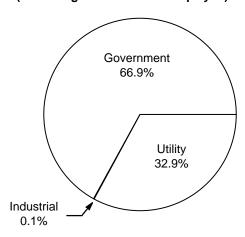
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



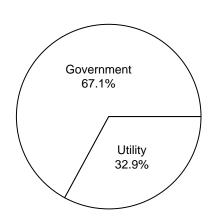
ALABAMA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

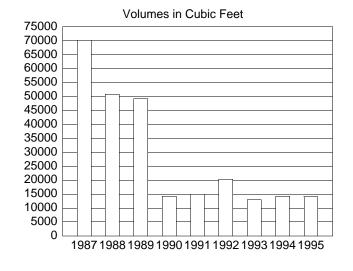
Generator Category	Volume (ft ³)	Activity (curies)
Academic	17.40	0.03
Government	1,159.10	52,534.67
Industrial	78.79	1.02
Medical	16.10	0.01
Utility	12,784.96	25,804.55
Total	14,056.35	78,340.28

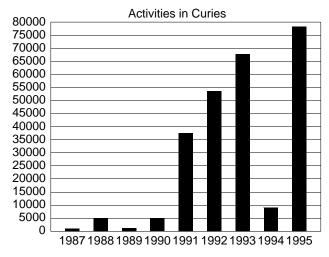
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

Medical 0.1% Industrial 0.6% Government 8.2% Academic 0.1%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







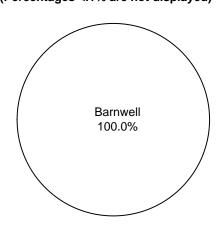
ALABAMA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	14,056.35	78,340.28
Total	14,056.35	78,340.28

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

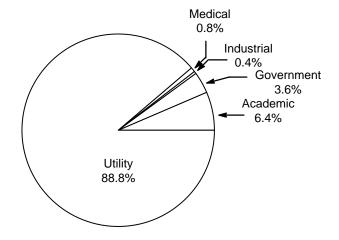


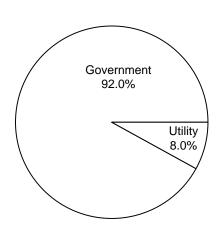
Direct Shipment Waste Class	Volume (ft ³)	Waste Class B 4.0%
A B C	5,104.70 563.20 172.20	Waste Class C 1.2%
Total	5,840.10	
Nondirect Shipments	8,216.25	
Grand Total	14,056.35	N
Total Direct Shipment Activity (curies) Total Nondirect Shipment	45,673.01	
Activity (curies)	32,667.27	
Grand Total (curies)	78,340.28	

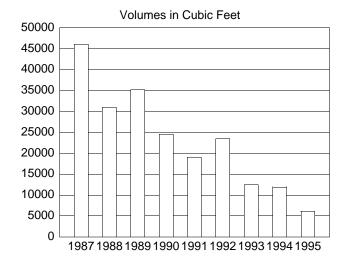
FLORIDA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

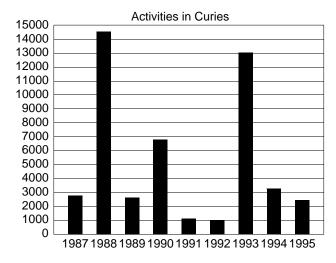
Generator Category	Volume (ft ³)	Activity (curies)
Academic	393.78	0.92
Government	220.80	2,247.63
Industrial	24.28	0.62
Medical	46.46	0.08
Utility	5,450.50	194.39
Total	6,135.82	2,443.64

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









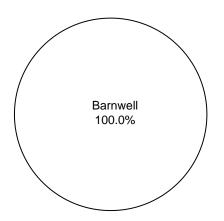
FLORIDA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	6,135.82	2,443.64
Total	6,135.82	2,443.64

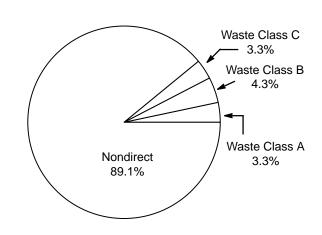
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



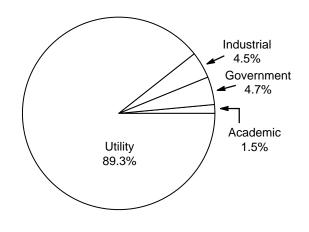
Direct Shipment	Volume
Waste Class	(ft^3)
A	202.10
В	264.80
C	202.10
Total	669.00
Nondirect Shipments	5,466.82
Grand Total	6,135.82
Total Direct Shipment	
Activity (curies)	114.07
Total Nondirect Shipment	
Activity (curies)	2,329.57
Grand Total (curies)	2,443.64

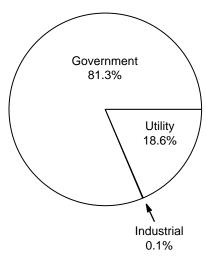


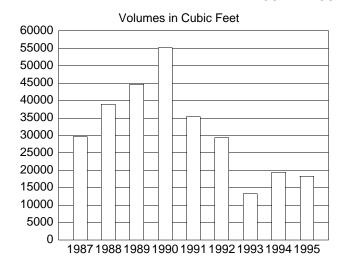
GEORGIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

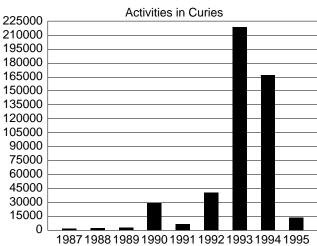
Generator Category	Volume (ft ³)	Activity (curies)
Academic	279.09	1.31
Government	861.57	11,213.99
Industrial	817.38	15.20
Medical	1.90	0.01
Utility	16,367.35	2,567.89
Total	18,327.29	13,798.39

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









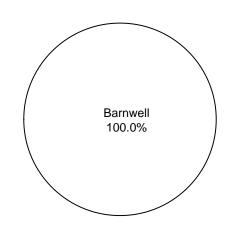
GEORGIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	18,327.29	13,798.39
Total	18,327.29	13,798.39

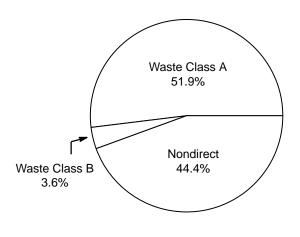
VOLUME PERCENTAGE BY DISPOSAL SITE (percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



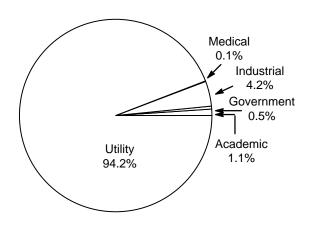
Direct Shipment Waste Class	Volume (ft ³)
A B C	9,520.00 655.30 7.50
Total	10,182.80
Nondirect Shipments	8,144.49
Grand Total	18,327.29
Total Direct Shipment Activity (curies) Total Nondirect Shipment	2,545.70
Activity (curies)	11,252.69
Grand Total (curies)	13,798.39

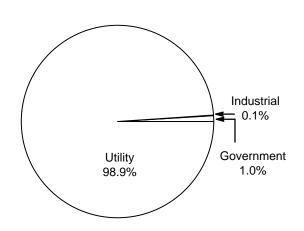


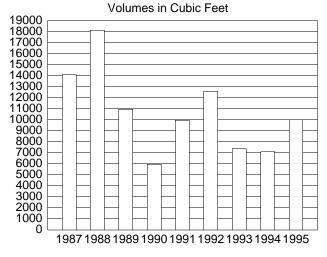
MISSISSIPPI Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

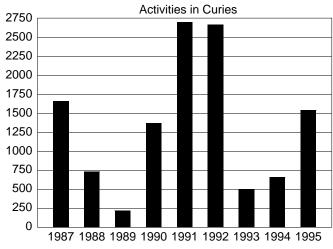
States	Volume (ft ³)	Activity (curies)
Academic	106.80	0.71
Government	46.90	15.38
Industrial	417.20	0.89
Medical	11.40	<1
Utility	9,448.10	1,526.26
Total	10,030.40	1,543.25

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





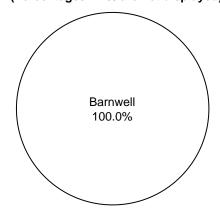




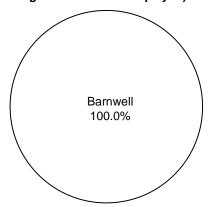
MISSISSIPPI Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	10,030.40	1,543.25
Total	10,030.40	1,543.25

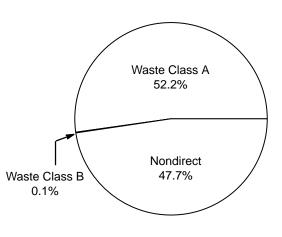
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B	5,238.10 11.60
C	0.00
Total	5,249.70
Nondirect Shipments	4,780.70
Grand Total	10,030.40
Total Direct Shipment Activity (curies) Total Nondirect Shipment	1,466.21
Activity (curies)	77.04
Grand Total (curies)	1,543.25

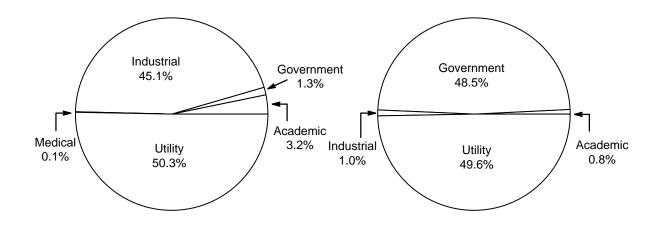


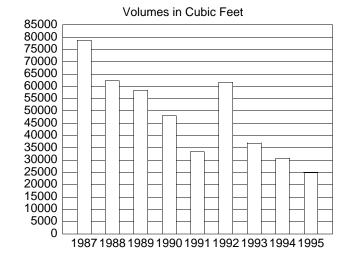
NORTH CAROLINA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

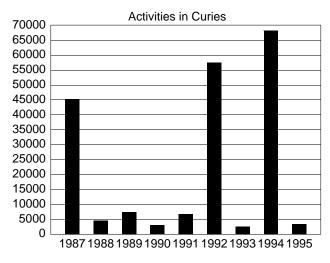
Generator Category	Volume (ft ³)	Activity (curies)
Academic	811.95	27.95
Government	318.18	1,605.50
Industrial	11,275.15	33.78
Medical	27.10	0.05
Utility	12,578.80	1,643.07
Total	25,011.18	3,310.35

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







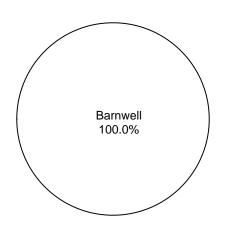
NORTH CAROLINA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	25,011.18	3,310.35	
Total	25,011.18	3,310.35	

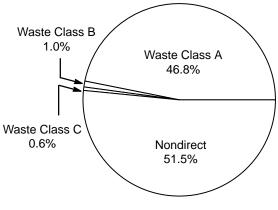
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



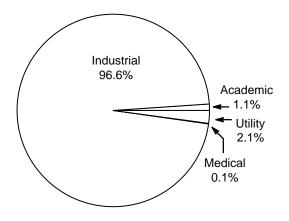
Direct Shipment Waste Class	Volume (ft ³)	
A	11,713.40	
В	256.10	,
C	151.48	٧
Total	12,120.98	
Nondirect Shipments	12,890.20	
Grand Total	25,011.18	١٨/-
Total Direct Shipment Activity (curies) Total Nondirect Shipment	501.99	Wa
Activity (curies)	2,808.36	
Grand Total (curies)	3,310.35	



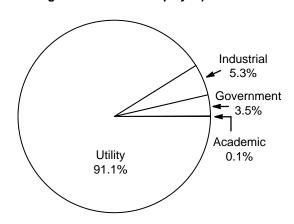
TENNESSEE
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

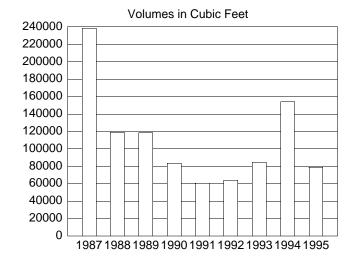
Generator Category	Volume (ft ³)	Activity (curies)
Academic	898.23	0.92
Government	4.70	27.32
Industrial	76,148.57	40.85
Medical	76.80	0.18
Utility	1,681.60	707.83
Total	78,809.90	777.10

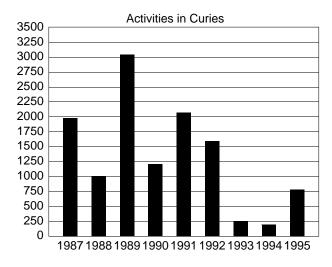
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



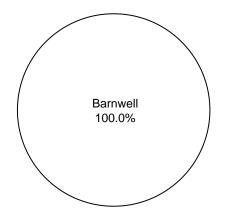




TENNESSEE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

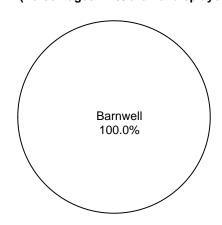
Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	78,809.90	777.10	
Total	78,809.90	777.10	

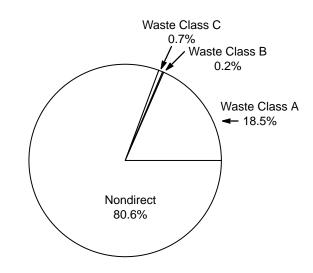
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Volume Waste Class (ft^3) A 14,609.51 В 120.30 C 541.60 Total 15,271.41 Nondirect Shipments 63,538.49 **Grand Total** 78,809.90 **Total Direct Shipment** Activity (curies) 691.62 Total Nondirect Shipment Activity (curies) 85.48 Grand Total (curies) 777.10

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



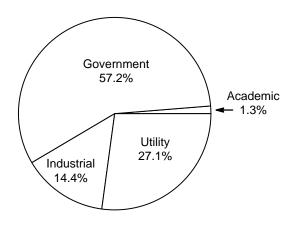


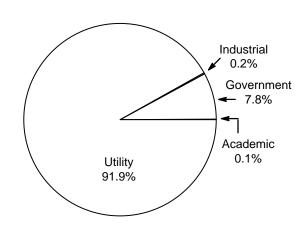
VIRGINIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

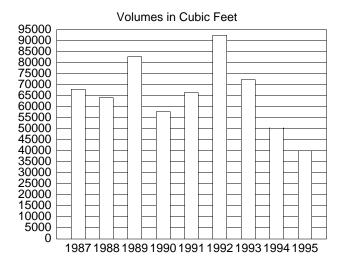
Generator Category	Volume (ft ³)	Activity (curies)
Academic	519.49	1.29
Government	22,934.80	74.17
Industrial	5,787.04	1.55
Medical	1.60	0.04
Utility	10,887.10	874.26
Total	40,130.03	951.31

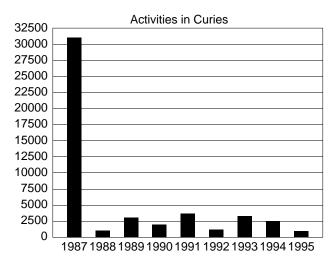
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









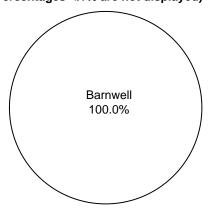
VIRGINIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	40,130.03	951.31	
Total	40,130.03	951.31	

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

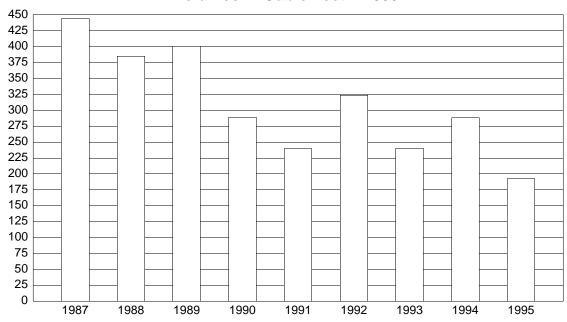


Direct Shipment Waste Class	Volume (ft ³)	Waste Class B 0.3%	
A	15,434.40	Waste Class C	
В	120.30	0.3%	
С	120.30		Waste Class A
Total	15,675.00		38.5%
Nondirect Shipments	24,455.03		
Grand Total	40,130.03		
Total Direct Shipment Activity (curies) Total Nondirect Shipment	724.05		Nondirect 60.9%
Activity (curies)	227.26		
Grand Total (curies)	951.31		

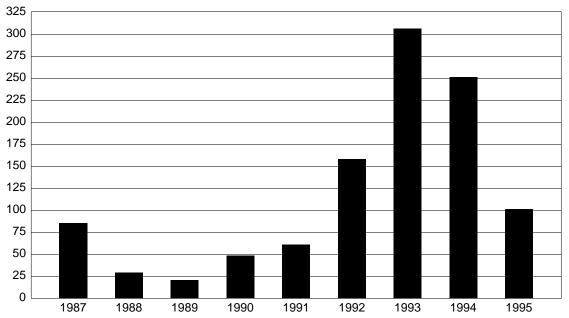
SOUTHEAST COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Southeast compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000

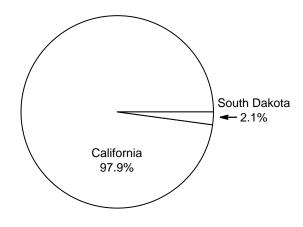


SOUTHWESTERN COMPACT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

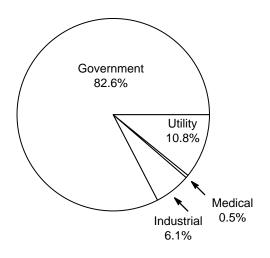
States	Volume (ft ³)	Activity (curies)
Arizona	0.40	<1
California	11,520.71	408.64
North Dakota	0	0
South Dakota	245.70	0.02
Total	11,766.81	408.66

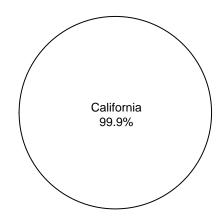
VOLUME PERCENTAGE BY STATE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE (Percentages <.1% are not displayed)

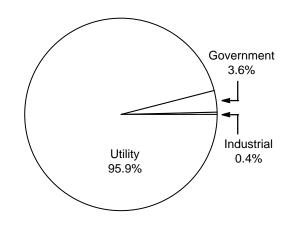


VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

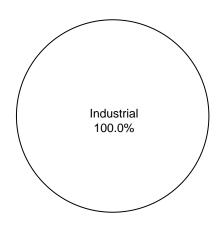


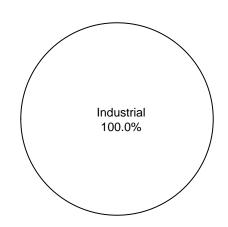
ARIZONA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

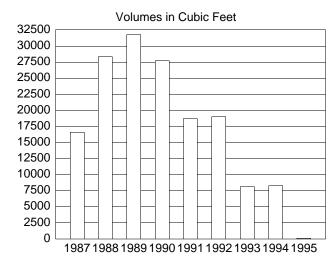
Generator Category	Volume (ft ³)	Activity (curies)
Industrial	0.40	<1
Total	0.40	<1

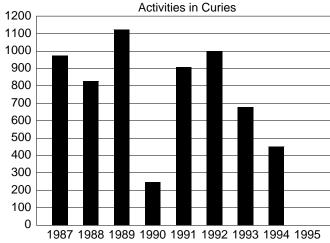
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









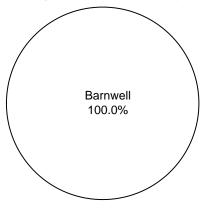
ARIZONA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

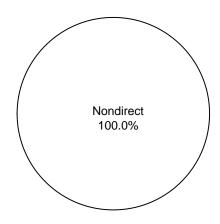
Generator Category	Volume (ft ³)	Activity (curies)
Barnwell	0.40	<1
Total	0.40	<1

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



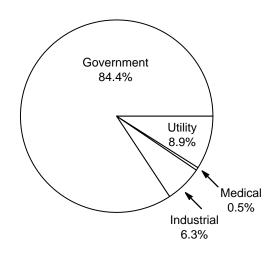


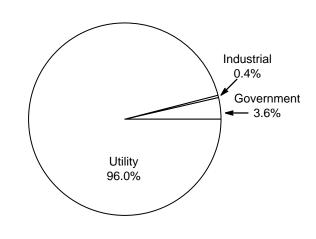
CALIFORNIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

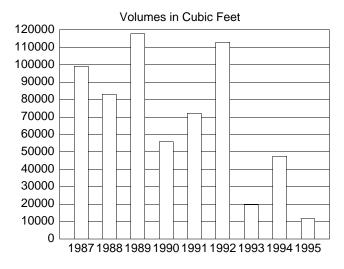
States	Volume (ft ³)	Activity (curies)
Government	9,724.30	14.59
Industrial	722.47	1.54
Medical	53.03	0.10
Utility	1,020.91	392.41
Total	11,520.71	408.64

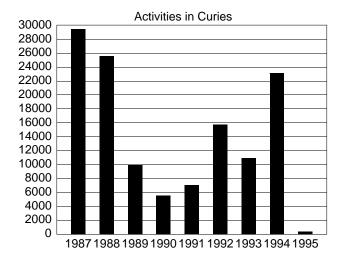
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









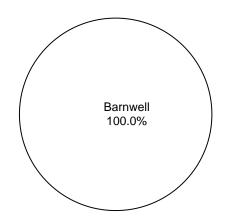
CALIFORNIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	11,520.71	408.64	
Total	11,520.71	408.64	

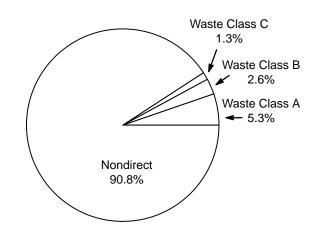
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment	Volume
Waste Class	(ft^3)
A	615.00
В	299.60
C	149.80
Total	1,064.40
Nondirect Shipments	10,456.31
Grand Total	11,520.71
Total Direct Shipment	
Activity (curies)	330.91
Total Nondirect Shipment	
Activity (curies)	77.73
Grand Total (curies)	408.64



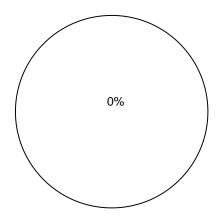
NORTH DAKOTA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

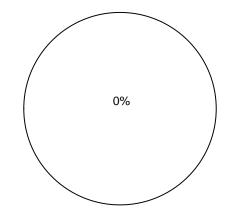
Generator Volume Activity
Category (ft³) (curies)

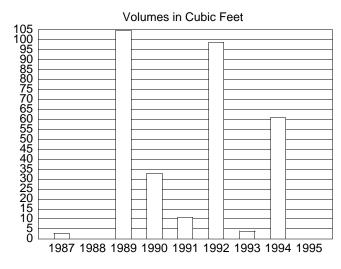
No LLW Disposed in 1995

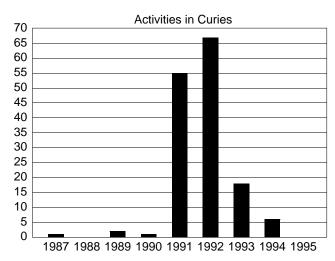
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







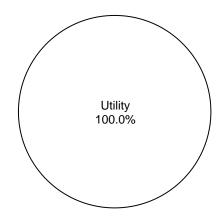


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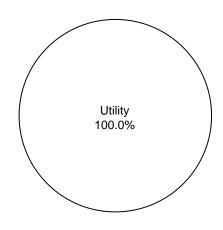
SOUTH DAKOTA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

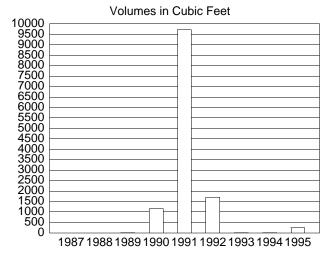
Generator Category	Volume (ft ³)	Activity (curies)
Utility	245.70	0.02
Total	245.70	0.02

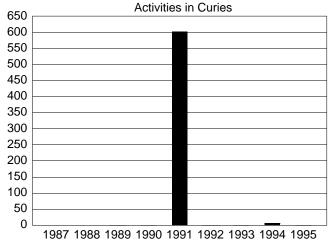
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







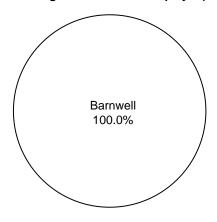
SOUTH DAKOTA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

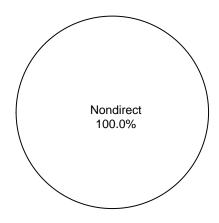
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	245.70	0.02
Total	245.70	0.02

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

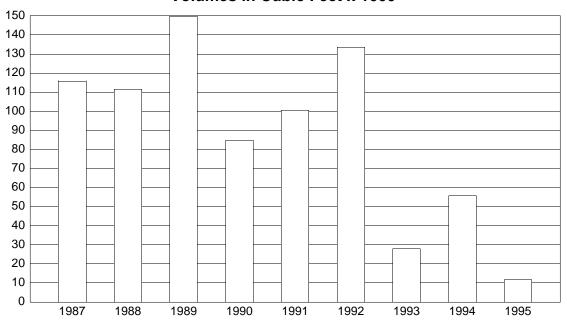




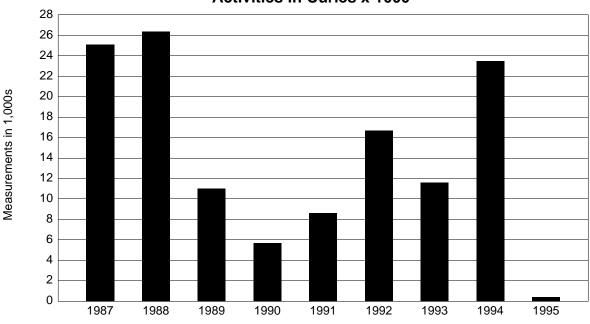
SOUTHWESTERN COMPACT Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported in the Southwestern compact region.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



UNAFFILIATED STATES Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

	Volume	Activity
States	(ft^3)	(curies)
Army Out U.S.	299.80	2,914.29
District of Columbia	129.50	0.11
Maine ^a	2,808.40	77.64
Massachusetts	10,977.76	24,903.19
Michigan	20,459.30	1,437.71
New Hampshire	8.70	<1
New York	10,113.60	1,951.06
Puerto Rico	0	0
Rhode Island	5.50	14.79
South Carolina ^b	86,774.73	1,503.54
Texas ^a	2,935.38	2,009.86
Vermonta	120.30	135.02
Total	134,632.97	34,947.22

a. Proposed member states for pending Texas Compact.

b. Became unaffiliated in June 1995. South Carolina removed itself from the Southeast Compact.

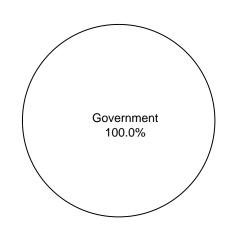
ARMY OUT U.S. Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

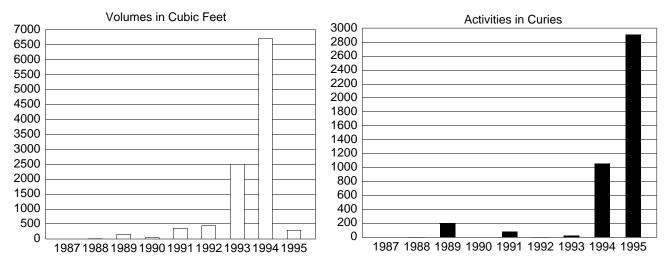
Generator Category	Volume (ft ³)	Activity (curies)	
Government	299.80	2,914.29	
Total	299.80	2,914.29	

VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

Government 100.0%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



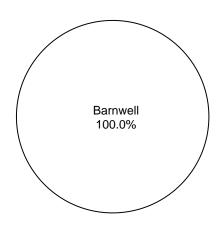


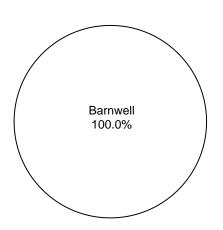
ARMY OUT U.S. Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

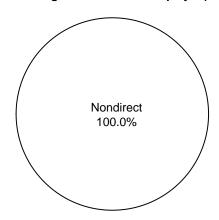
Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	299.80	2,914.29	
Total	299.80	2,914.29	

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)





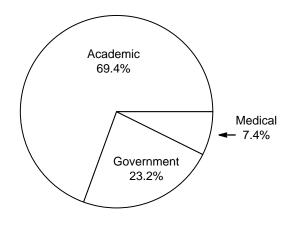


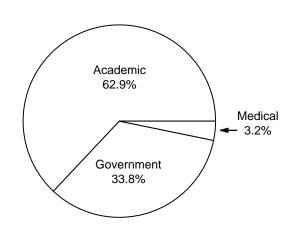
DISTRICT OF COLUMBIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

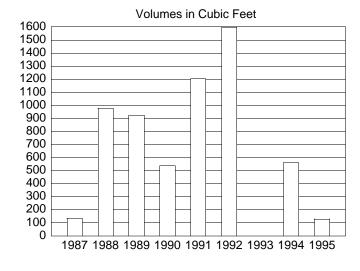
Generator Category	Volume (ft ³)	Activity (curies)
Academic	89.90	0.07
Government	30.00	0.04
Medical	9.60	<1
Total	129.50	0.11

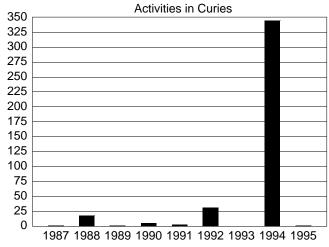
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







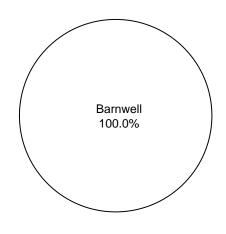


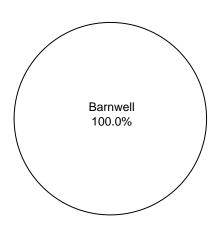
DISTRICT OF COLUMBIA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

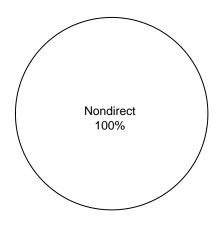
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	129.50	0.11
Total	129.50	0.11

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)





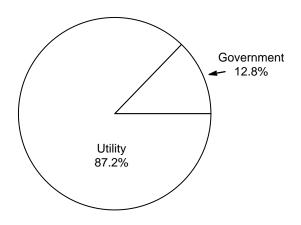


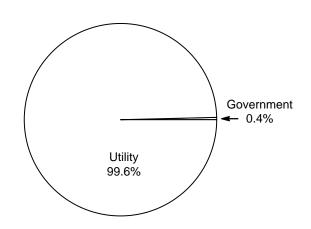
MAINE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

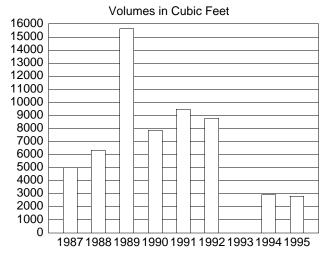
Generator Category	Volume (ft ³)	Activity (curies)
Government Utility	360.00 2,448.40	0.31 77.33
Total	2,808.40	77.64

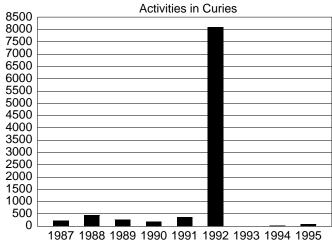
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









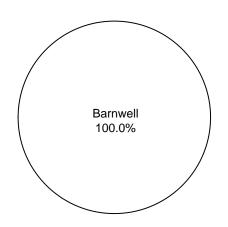
MAINE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	2,808.40	77.64
Total	2,808.40	77.64

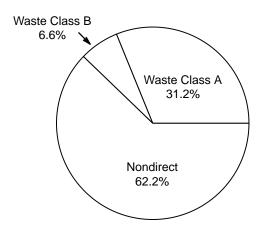
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment	Volume
Waste Class	(ft^3)
	0== 10
A	875.10
В	186.10
C	0.00
Total	1,061.20
Nondirect Shipments	1,747.20
Grand Total	2,808.40
Total Direct Shipment Activity (curies) Total Nondirect Shipment	75.67
Activity (curies)	1.97
Grand Total	77.64



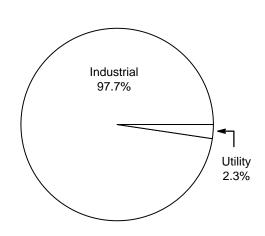
MASSACHUSETTS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

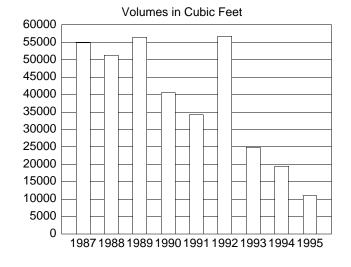
Generator Category	Volume (ft ³)	Activity (curies)
Industrial	3,115.96	24,342.57
Medical	7.00	<1
Utility	7,854.80	560.61
Total	10,977.76	24,903.19

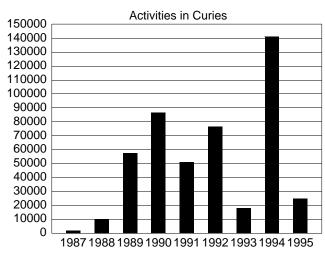
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

Medical 0.1% Industrial 28.4% Utility 71.6%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)







MASSACHUSETTS Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

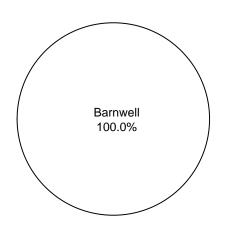
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	10,977.76	24,903.19
Total	10,977.76	24,903.19

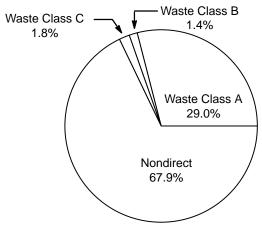
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

Direct Shipment Volume Waste Class (ft^3) 3,179.50 A В 155.50 C 194.10 Total 3,529.10 **Nondirect Shipments** 7,448.66 **Grand Total** 10,977.76 **Total Direct Shipment** Activity (curies) 23,993.92 **Total Nondirect Shipment** Activity (curies) 909.26 **Grand Total** 24,903.19

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



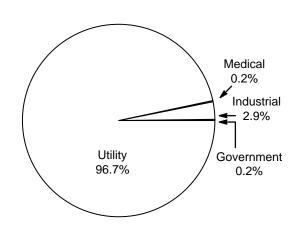


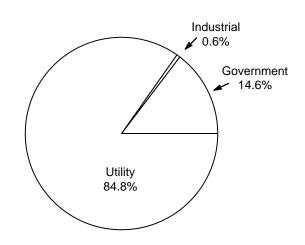
MICHIGAN Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

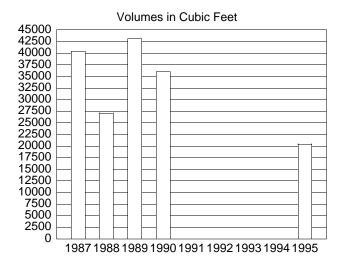
Generator Category	Volume (ft ³)	Activity (curies)
Government	50.70	210.23
Industrial	592.90	8.97
Medical	39.69	0.03
Utility	19,776.01	1,218.48
Total	20,459.30	1,437.71

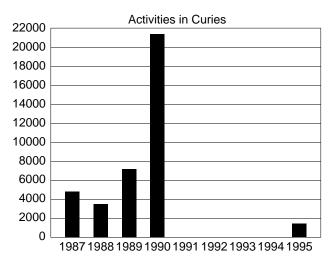
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









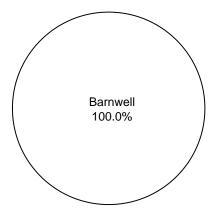
MICHIGAN Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	20,459.30	1,437.71
Total	20,459.30	1,437.71

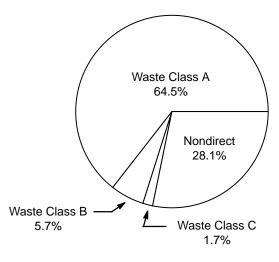
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment Waste Class	Volume (ft ³)
A B C	13,189.70 1,176.40 349.10
Total	14,715.20
Nondirect Shipments	5,744.10
Grand Total	20,459.30
Total Direct Shipment Activity (curies) Total Nondirect Shipment Activity (curies)	1,205.94
Activity (curies)	231.77
Grand Total	1,437.71



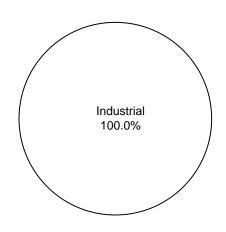
NEW HAMPSHIRE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

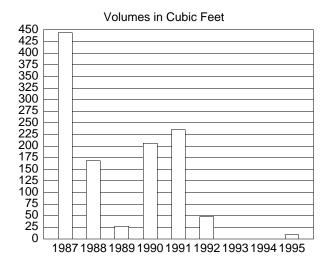
Generator Category	Volume (ft ³)	Activity (curies)
Industrial	8.70	<1
Total	8.70	<1

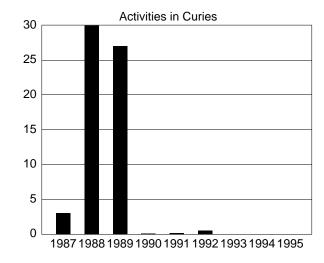
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

Industrial 100.0%

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





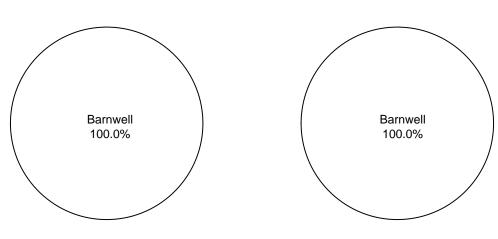


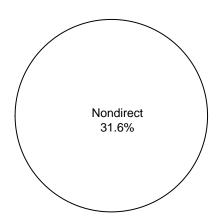
NEW HAMPSHIRE Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	8.70	<1
Total	8.70	<1

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

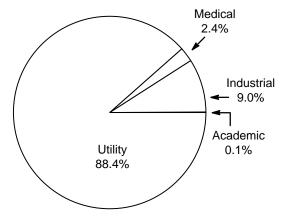


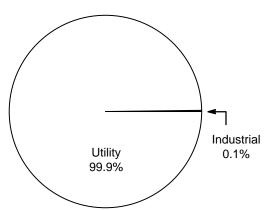


NEW YORK Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	12.80	0.02
Industrial	911.10	2.26
Medical	247.30	0.15
Utility	8,942.40	1,948.64
Total	10,113.60	1,951.06

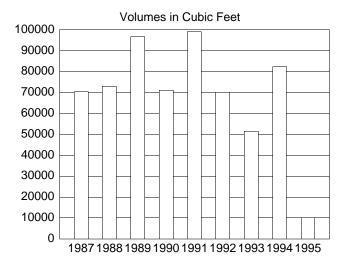
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

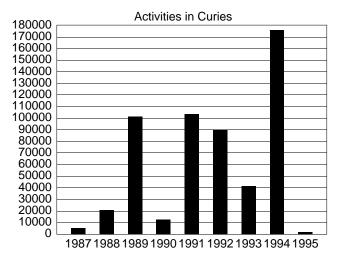




ACTIVITY PERCENTAGE BY SOURCE

(Percentages <.1% are not displayed)





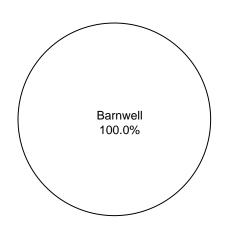
NEW YORK Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	10,113.60	1,951.06
Total	10,113.60	1,951.06

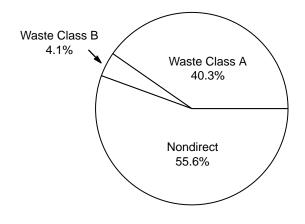
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



Direct Shipment	Volume
Waste Class	(ft^3)
A	4,078.30
B C	411.60
C	0.00
Total	4,489.90
Nondirect Shipments	5,623.70
Grand Total	10,113.60
Total Direct Shipment Activity (curies) Total Nondirect Shipment	1,872.50
Activity (curies)	78.56
Grand Total	1,951.06

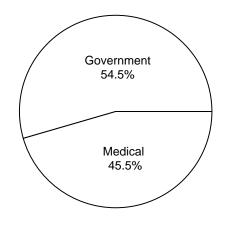


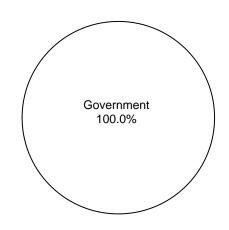
RHODE ISLAND Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

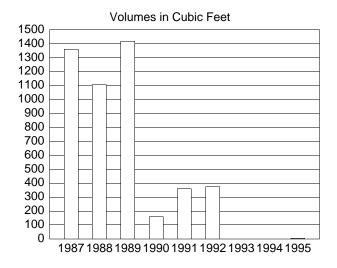
Generator Category	Volume (ft ³)	Activity (curies)
Government	3.00	14.79
Medical	2.50	<1
Total	5.50	14.79

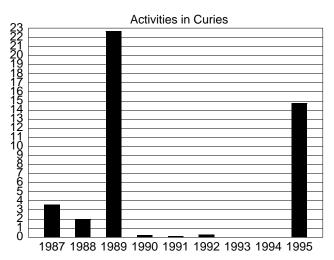
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









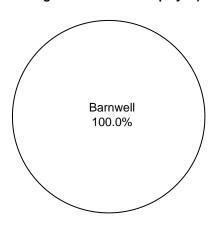
RHODE ISLAND Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

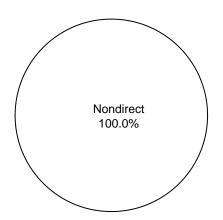
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	5.50	14.79
Total	5.50	14.79

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



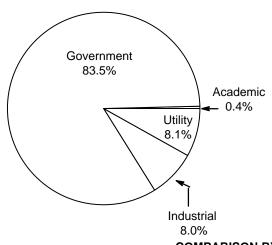


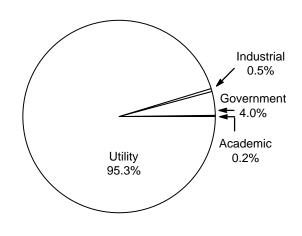
SOUTH CAROLINA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)
Academic	337.46	2.82
Government	72,453.00	59.52
Industrial	6,940.48	7.93
Medical	1.10	0.02
Utility	7,042.69	1,433.26
Total	86,774.73	1,503.54

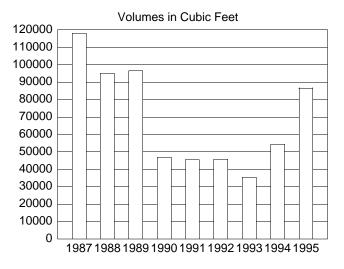
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

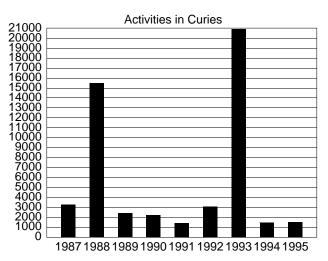
ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)





COMPARISON BY YEAR





SOUTH CAROLINA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

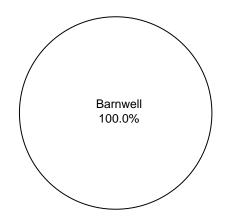
Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	86,774.73	1,503.54
Total	86,774.73	1,503.54

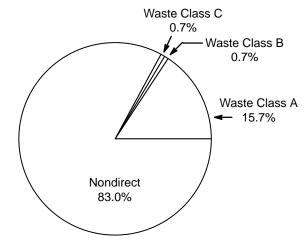
VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

Direct Shipment Waste Class	Volume (ft ³)
A B C	13,581.95 601.50 570.10
Total	14,753.55
Nondirect Shipments	72,021.18
Grand Total	86,774.73
Total Direct Shipment Activity (curies) Total Nondirect Shipment Activity (curies)	1,204.78 298.77
Grand Total	1,503.54

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



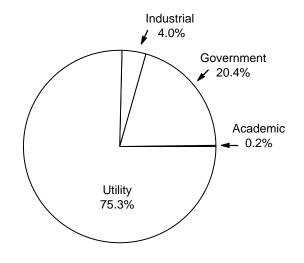


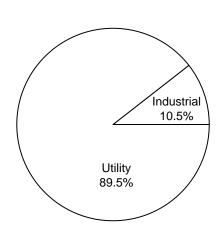
TEXAS
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

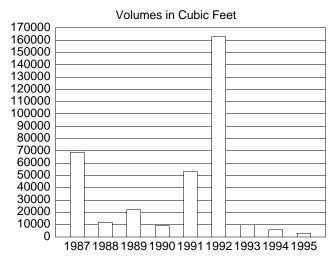
Generator Category	Volume (ft ³)	Activity (curies)
Academic	6.26	0.05
Government	598.98	0.15
Industrial	118.13	210.85
Medical	1.10	<1
Utility	2,210.91	1,798.80
Total	2,935.38	2,009.86

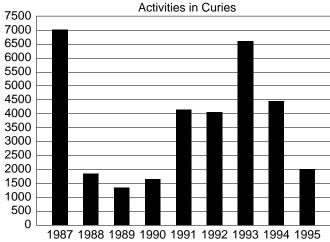
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)









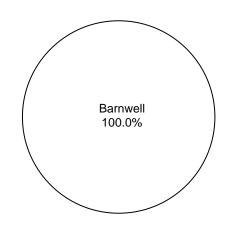
TEXAS
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1995

Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	2,935.38	2,009.86	
Total	2,935.38	2,009.86	

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

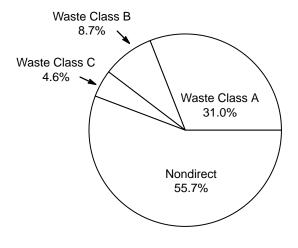
Barnwell 100.0%

ACTIVITY PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)



VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)

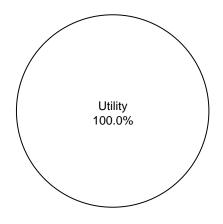
Direct Shipment Waste Class	Volume (ft ³)
A B C	908.58 256.10 135.80
Total	1,300.48
Nondirect Shipments	1,634.90
Grand Total	2,935.38
Total Direct Shipment Activity (curies) Total Nondirect Shipment Activity (curies)	1,501.17 508.69
Grand Total	2,009.86



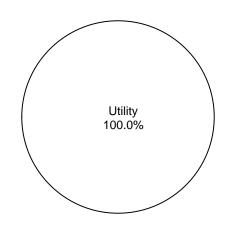
VERMONT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

Generator Category	Volume (ft ³)	Activity (curies)	
Utility	120.30	135.02	
Total	120.30	135.02	

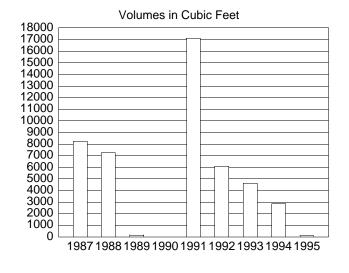
VOLUME PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)

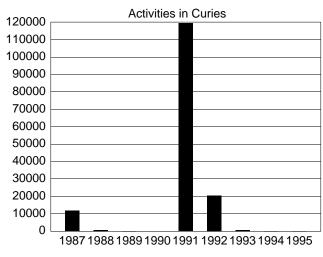


ACTIVITY PERCENTAGE BY SOURCE (Percentages <.1% are not displayed)



COMPARISON BY YEAR





VERMONT Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1995

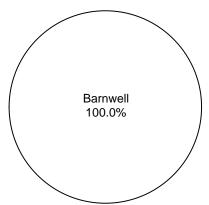
Disposal Site	Volume (ft ³)	Activity (curies)	
Barnwell	120.30	135.02	
Total	120.30	135.02	

VOLUME PERCENTAGE BY DISPOSAL SITE (Percentages <.1% are not displayed)

Barnwell 100.0%

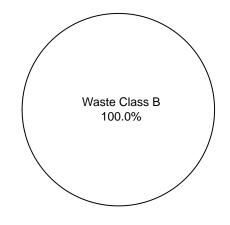
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE



VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE (Percentages <.1% are not displayed)

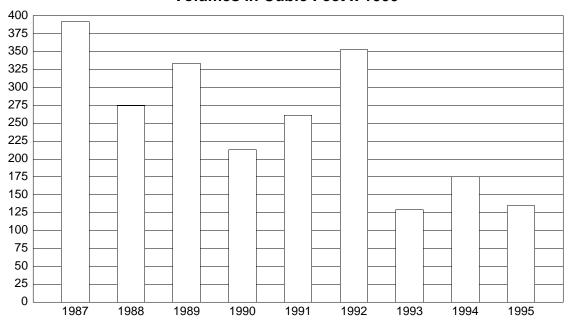
Direct Shipment	Volume
Waste Class	(ft^3)
A	0.00
В	120.30
C	0.00
Total	120.30
Nondirect Shipments	00.0
Grand Total	120.30
Total Direct Shipment	
Activity (curies)	135.02
Total Nondirect Shipment	
Activity (curies)	00.0
Grand Total	135.02



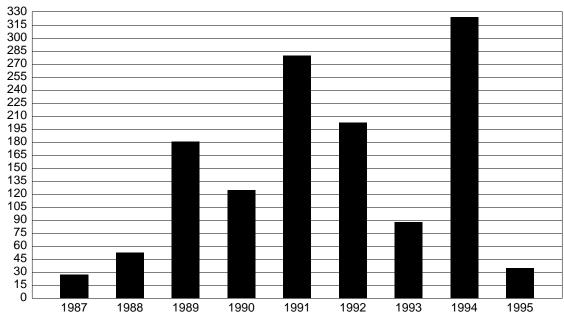
UNAFFILIATED STATES Comparison By Year

NOTE: The years 1987 through 1995 include all states currently being reported as unaffiliated states.

Volumes in Cubic Feet x 1000



Activities in Curies x 1000



APPENDIX B

WASTE VOLUME COMPARISON BY STATE, RADIOACTIVITY COMPARISON BY STATE, AND COMMERCIAL NUCLEAR POWER REACTORS IN THE UNITED STATES Page intentionally left blank.

Table B-1. Waste volume comparison by state, 1991-1995, as reported by disposal site operators.

	- · ·		Volume (ft ³)	-	
State	1991	1992	1993	1994	1995
Alabama	15,010	20,351	13,077	14,194	14,056
Alaska	70	143	447	44	0
Arizona	18,698	19,001	8,153	8,300	<1
Arkansas	14,830	6,497	2,890	6,258	1,943
Army Out U.S.	354	445	2,506	6,716	300
California	72,160	112,946	19,804	47,458	11,521
Colorado	2,221	33,863	38,659	17,589	68,988
Connecticut	48,814	53,032	14,602	12,737	6,216
Delaware	775	988	500	375	58
District of Columbia	1,206	1,598	<1	562	130
Florida	19,137	23,535	12,527	11,977	6,136
Georgia	35,410	29,344	13,232	19,428	18,327
Hawaii	2,958	2,932	2,361	1,900	2,634
Idaho	30	51	324	27	1,460
Illinois	101,949	285,023	66,515	61,224	57,762
Indiana	5,724	2,733	967	1,623	101
Iowa	12,815	5,448	2,007	3,179	2,058
Kansas	3,675	8,196	2,726	1,981	926
Kentucky	2,348	2,195	468	333	91
Louisiana	9,961	24,744	7,161	15,632	6,768
Maine	9,457	8,789	0	2,940	2,808
Maryland	19,228	17,854	11,364	8,421	4,429
Massachusetts	34,272	56,734	24,964	19,486	10,978
Michigan	0	0	0	0	20,459
Minnesota	43,521	40,194	5,057	1,932	2,467
Mississippi	9,967	12,623	7,372	7,128	10,030
Missouri	19,055	11,315	3,189	5,897	1,423
Montana	53	140	0	10	8
Nebraska	10,700	12,617	11,768	2,634	2,385
Nevada	1,815	134	0	280	76
New Hampshire	235	48	0	0	9
New Jersey	57,525	38,032	21,077	22,501	14,184
New Mexico	746	3,483	12	402	891
New York	99,310	70,272	51,623	82,583	10,114
North Carolina	33,497	61,777	37,028	30,707	25,011

Table B-1. (continued).

			Volume (ft ³)		
State	1991	1992	1993	1994	1995
North Dakota	11	99	4	61	0
Ohio	24,336	22,207	6,677	11,668	8,822
Oklahoma	17,608	28,062	195	467	138
Oregon	80,269	147,682	99,828	32,179	74,820
Pennsylvania	224,561	93,050	48,624	51,465	35,200
Puerto Rico	0	0	0	0	0
Rhode Island	361	374	0	0	6
South Carolina	45,540	45,782	35,476	54,544	86,775
South Dakota	9,729	1,712	9	5	246
Tennessee	60,458	83,792	84,658	154,301	78,810
Texas	53,087	162,844	9,801	5,880	2,935
Utah	7,839	5,380	6,524	5,849	4,498
Vermont	17,138	6,090	4,633	2,863	120
Virginia	66,527	92,747	72,522	50,498	40,130
Washington	46,715	79,290	38,593	66,259	51,606
West Virginia	368	192	27	82	4
Wisconsin	7,228	6,896	2,225	5,892	1,051
Wyoming	1	3	0	206	53
Total	1,369,303	1,743,279	792,177	858,677	689,957

Table B-2. Waste radioactivity comparison by state, 1991-1995, as reported by disposal site operators.

		R	Radioactivity (ci)		
State	1991	1992	1993	1994	1995
Alabama	37,507	53,669	67,949	9,034	78,340
Alaska	743	568	<1	5	0
Arizona	908	997	680	453	0
Arkansas	831	32,562	4,860	473	8
Army Out U.S.	82	4	20	1,056	2,914
California	7,050	15,730	10,914	23,132	409
Colorado	8,095	32,978	30,007	4,521	553
Connecticut	3,596	29,392	5,378	889	841
Delaware	1	1	45	69	<1
District of Columbia	3	31	<1	345	<1
Florida	1,140	996	13,052	3,280	2,444
Georgia	6,828	40,312	218,851	167,310	13,798
Hawaii	6	3	3	50	1,821
Idaho	42	2	2	94	<1
Illinois	9,713	103,273	37,718	32,136	7,044
Indiana	370	27	7	129	36
Iowa	529	42,085	51,342	1,633	209
Kansas	1,356	1,319	1,440	2,297	398
Kentucky	631	26	510	285	20
Louisiana	820	4,683	255	1,878	13,244
Maine	376	8,110	0	17	78
Maryland	9,347	8,421	5,019	1,440	346
Massachusetts	51,068	76,588	18,012	141,110	24,903
Michigan	0	0	0	0	1,438
Minnesota	4,031	59,979	1,450	1,739	365
Mississippi	2,703	2,669	493	660	1,543
Missouri	3,047	1,128	444	1,200	183
Montana	2	7	0	<1	0
Nebraska	657	101,284	1,063	992	407
Nevada	5	18	0	4	<1
New Hampshire	<1	1	0	0	0
New Jersey	45,707	47,959	8,587	5,727	996
New Mexico	2	56	<1	6	2
New York	103,358	90,377	41,643	175,843	1,951
North Carolina	6,789	57,505	2,502	68,213	3,310

 Table B-2. (continued).

		R	Cadioactivity (ci)		
State	1991	1992	1993	1994	1995
North Dakota	55	67	18	6	0
Ohio	3,840	3,440	2,370	583	553
Oklahoma	18	60	623	64	<1
Oregon	49	742	331	48	1,279
Pennsylvania	354,340	141,248	84,347	93,730	5,692
Puerto Rico	0	0	0	0	0
Rhode Island	<1	<1	0	0	15
South Carolina	1,399	3,088	20,943	1,476	1,504
South Dakota	603	<1	<1	7	<1
Tennessee	2,071	1,595	243	194	777
Texas	4,155	4,057	6,605	4,462	2,010
Utah	62	108	<1	80	22
Vermont	119,642	20,513	740	158	135
Virginia	3,664	1,154	3,305	2,402	951
Washington	1,544	10,663	1,078	1,264	923
West Virginia	15	31	6	<1	5
Wisconsin	1,012	571	345	879	348
Wyoming	3	5	0	6	<1
Total	799,815	1,000,102	643,207	751,379	171,816

Table B-3. Commercial nuclear power reactors in the United States, as of December 31, 1994.

State Name	Facility Name	Units	Type
Alabama	Browns Ferry Nuclear Power StationJoseph M. Farley Nuclear Plant	1,2&3 1&2	BWR ^b PWR ^c
Arizona	Palo Verde Nuclear Generating Station	1,2&3	PWR
Arkansas	Arkansas Nuclear One	1&2	PWR
California	 Diablo Canyon Nuclear Power Plant Humboldt Bay Power Plant (closed 1976) Rancho Seco Nuclear Generating Station (closed 1989) San Onofre Nuclear Generating Station (Unit 1 closed 1992) 	1&2 3 1 1,2&3	PWR BWR PWR
Colorado	• Ft. St. Vrain Nuclear Generating Station (closed 1989)	1	HTGR ^d
Connecticut	 Haddam Neck Plant Millstone Nuclear Power Station Millstone Nuclear Power Station	1 1 2&3	PWR BWR PWR
Florida	Crystal River Nuclear PlantSt. Lucie PlantTurkey Point Plant	3 1&2 3&4	PWR PWR PWR
Georgia	Edwin I. Hatch Nuclear PlantAlvin W. Vogtle Jr. Nuclear Plant	1&2 1&2	BWR PWR
Illinois	 Byron Nuclear Power Station Clinton Power Station Dresden Nuclear Power Station (Unit 1 closed 1978) LaSalle County Station Quad Cities Station Zion Nuclear Plant Braidwood Station 	1&2 1 2&3 1&2 1&2 1&2 1&2	PWR BWR BWR BWR PWR PWR
Iowa	Duane Arnold Energy Center	1	BWR
Kansas	Wolf Creek Generating Station	1	PWR
Louisiana	River Bend StationWaterford Generating Station	1 3	BWR PWR

 Table B-3. (continued).

State Name	Facility Name	Units	Type
Maine	Maine Yankee Atomic Power Plant	1	PWR
Maryland	Calvert Cliffs Nuclear Power Plant	1&2	PWR
Massachusetts	Pilgrim Nuclear Power StationYankee Nuclear Power Station (closed 1991)	1 1	BWR PWR
Michigan	 Big Rock Point Nuclear Plant Donald C. Cook Nuclear Power Plant Fermi Atomic Power Plant Palisades Nuclear Plant 	1 1&2 2 1	BWR PWR BWR PWR
Minnesota	Monticello Nuclear Generating PlantPrairie Island Nuclear Generating Plant	1 1&2	BWR PWR
Mississippi	Grand Gulf Nuclear Station	1	BWR
Missouri	Callaway Plant	1	PWR
Nebraska	Cooper Nuclear StationFort Calhoun Station	1 1	BWR PWR
New Hampshire	Seabrook Nuclear Station	1	PWR
New Jersey	Hope Creek Nuclear Generating StationOyster Creek Nuclear Power PlantSalem Nuclear Generating Station	1 1 1&2	BWR BWR PWR
New York	 James A. FitzPatrick Nuclear Power Plant Robert Emmett Ginna Nuclear Power Plant Indian Point Station (Unit 1 closed 1974) Nine Mile Point Nuclear Station Shoreham Nuclear Power Station (closed 1989) 	1 1 2, & 3 1&2 1	BWR PWR PWR BWR BWR
North Carolina	 Brunswick Steam Electric Plant McGuire Nuclear Station Shearon Harris Nuclear Power Plant 	1&2 1&2 1	BWR PWR PWR
Ohio	Davis-Besse Nuclear Power StationPerry Nuclear Power Plant	1 1	PWR BWR
Oregon	• Trojan Nuclear Plant (closed 1992)	1	PWR

 Table B-3. (continued).

State Name	Facility Name	Units	Type
Pennsylvania	Beaver Valley Power Station	1&2	PWR
Ž	Limerick Generating Station	1&2	BWR
	 Peach Bottom Atomic Power Station 	2&3	BWR
	Susquehanna Steam Electric Station	1&2	BWR
	Three Mile Island Nuclear Station	1	PWR
South Carolina	Catawba Nuclear Station	1&2	PWR
	 Oconee Nuclear Plant 	1,2,&3	PWR
	• H. B. Robinson Plant	2	PWR
	• Virgil C. Summer Nuclear Station	1	PWR
Tennessee	Sequoyah Nuclear Plant	1&2	PWR
Texas	South Texas Project	1&2	PWR
	Comanche Peak	1&2	PWR
Vermont	Vermont Yankee Nuclear Power Station	1	BWR
Virginia	North Anna Power Station	1&2	PWR
	• Surry Power Station	1&2	PWR
Washington	Washington Nuclear Project	2	BWR
Wisconsin	Kewaunee Nuclear Power Plant	1	PWR
	 La Crosse Nuclear Generating Station (closed 1987) 	1	BWR
	Point Beach Nuclear Plant	1&2	PWR

a. "World List of Nuclear Power Plants," Nuclear News, March, 1995/Vol. 38/No.3.

b. BWR = Boiling-Water Reactor.

c. PWR = Pressurized-Water Reactor.

d. HTGR = High Temperature Gas Reactor.

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APPENDIX C STATE RADIATION PROGRAM

REPRESENTATIVES

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Table C-1. State radiation program representatives.

State	Draft Report Sent to:
Alabama	K. E. Whatley
Alaska	C. F. Tedford
Arizona	A. V. Godwin
Arkansas	G. J. Dicus
California	E. D. Bailey
Colorado	R. M. Quillin
Connecticut	K. T. A. McCarthy
Delaware	A. C. Tapert
District of Columbia	J. Murphy
Florida	L. Jerrett
Georgia	T. E. Hill
Hawaii	R. S. Takata
Idaho	M. Mays
Illinois	P. Eastvold
Indiana	D. Nauth
Iowa	D. A. Flater
Kansas	G. W. Allen
Kentucky	J. A. Volpe
Louisiana	W. Spell
Maine	W. C. Toppan
Maryland	R. G. Fletcher
Massachusetts	R. Hallisey
Michigan	G. W. Bruchmann
Minnesota	J. Ball
Mississippi	E. S. Fuente
Missouri	G. McNutt
Montana	A. C. Howe
Nebraska	H. R. Borchert
Nevada	S. R. Marshall
New Hampshire	D. E. Tefft
New Jersey	J. Lipoti
New Mexico	B. Garcia
New York	P. J. Merges
North Carolina	D. H. Brown
North Dakota	D. K. Mount
Ohio	R. E. Owen
Oklahoma	D. McHard

 Table C-1. (continued).

State	Draft Report Sent to
Oregon	R. D. Paris
Pennsylvania	W. P. Dornsife
Puerto Rico	D. Saldana
Rhode Island	M. Stoeckel
South Carolina	M. Batavia
South Dakota	D. Micklos
Tennessee	M. H. Mobley
Texas	R. Ratliff
Utah	W. Sinclair
Vermont	R. N. McCandless
Virginia	L. P. Foldesi
Washington	T. R. Strong
West Virginia	B. L. DeBord
Wisconsin	P. Schmidt
Wyoming	R. Fransen